Commonwealth of Pennsylvania

Department of Health

HARRISBURG

PENNSYLVANIA VITAL STATISTICS ANNUAL REPORT, 1983

DEPARTMENT OF HEALTH
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SECRETARY

STATE HEALTH DATA CENTER
HARRISBURG, PENNSYLVANIA

FEBRUARY 15, 1985

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PENNSYLVANIA VITAL STATISTICS

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PREFACE

****

This publication of 1983 Vital Statistics for Pennsylvania was prepared by the State Health Data Center, Pennsylvania Department of Health.

The 1983 report incorporates several changes from the 1982 edition.

An evaluation survey was sent out in Spring, 1984, with the initial mailout of several hundred 1982 reports. Most of the changes made to this 1983 report were developed in accordance with recommendations made on the returned evaluation forms. Most of the comments we received were very positive and we thank our users for their compliments and suggestions.

Among the changes made is the inclusion of data tables along with the line graphs comparing Pennsylvania and United States vital statistics. Several new tables have been inserted, some modified, while only a few have been eliminated. For instance, general and total fertility rates have been added to tables. More graphs and charts have been added. This was the most recurrent suggestion we received via the evaluation form. Also, the marriage and divorce statistics section is included once again.

The State Health Data Center welcomes comments and suggestions on the content and format of this report. The Data Center staff is available to answer questions regarding the report, including utilization and limitations of the data. Additional statistics not contained in this report are available upon request.

Please address all comments, questions, requests for data, etc. to:

State Health Data Center
Pennsylvania Department of Health
P. O. Box 90
Harrisburg, PA 17108

POPULATION STATISTICS

1983 POPULATION STATISTICS

****
HIGHLIGHTS
****

THE STATE

The 1983 preliminary provisional estimates indicate that the Pennsylvania resident population was 11,894,700—an increase of just 30,805 persons (0.3 percent) from the 1980 U.S. Bureau of the Census enumerated figure.

Pennsylvania's population has increased by almost 1.5 million from the 1950 census enumerated figure of 10,498,012. However, over half of that increase occurred between 1950 and 1960. From 1960 to 1970, the state's population increased by just under 500,000, but from 1970 to 1980 there was only an increase of approximately 70,000 persons. Pennsylvania's total population has remained relatively stable since 1970.

HEALTH SERVICE AREAS

Three of the nine Health Service Areas (HSA's) had a declining population during the interval from 1980 to 1983. One was Northeast Pennsylvania which includes Scranton (0.8 percent decrease); another, Southwest Pennsylvania, which includes Pittsburgh (1.0 percent decrease). The third, Keystone, which includes Altoona and Johnstown had a 0.7 percent decline. The highest population gains were in the Southcentral (2.6 percent), Eastern (1.7 percent), and NY-PENN (1.1 percent for Pennsylvania counties only) areas.

COUNTIES

Of the 67 counties, 47 were estimated to experience population gains and 20 had losses from 1980 to 1983, as compared to 57 and 10, respectively between 1970 and 1980. Almost 64 percent of the population losses occurred in two counties, Allegheny and Philadelphia. Beaver, Blair, Cambria, Delaware, Lackawanna, Luzerne, Schuylkill and Westmoreland counties accounted for most of the other decreases. Seventeen counties had a 2.0 percent or higher growth rate. These included Adams, Bedford, Bucks, Chester, Cumberland, Fulton, Juniata, Lancaster, Lebanon, Monroe, Perry, Pike, Potter, Snyder, Union, Wayne and Wyoming.

CITIES AND BOROUGHS

Of the 26 municipalities listed in this report, only five showed an increase in population between 1980 and 1983 and the gains were modest—Plum (3.6 percent), Lancaster (1.2 percent), Monroeville and State College (1.0 percent), and Bethel Park (0.4 percent). Estimated population losses of 4.0 percent and above occurred in Sharon (9.2 percent), Johnstown (6.2 percent), McKeesport (5.2 percent), Hazleton (4.5 percent), New Castle and Scranton (both at 4.2 percent), and Pittsburgh (4.0 percent). Lebanon's population remained almost unchanged.

Please note that since Philadelphia is a city/county, figures for that municipality appear in the county tables and are not duplicated in the municipality tables.

NOTE:

This section contains 1980 figures as enumerated by the U.S. Bureau of the Census and 1983 preliminary provisional estimates as prepared by the State Data Center, the Pennsylvania State University, Capitol Campus. Please see the Technical Notes in the back of this report for complete qualifications regarding these preliminary provisional estimates.

TABLE A-1
POPULATION IN PENNSYLVANIA, 1950-1983

YEAR	POPULATION*	YEAR	POPULATION*
1983	11,894,700	1966	11,637,900
1982	11,885,330	1965	11,535,200
1981	11,870,960	1964	11,459,000
1980	11,863,895	1963	11,424,000
1979	11,730,500	1962	11,376,000
1978	11,749,900	1961	11,468,000
1977	11,785,200	1960	11,319,366
1976	11,862,000	1959	11,323,000
1975	11,828,200	1958	11,101,000
1974	11,835,400	1957	11,166,000
1973	11,902,000	1956	11,132,000
1972	11,926,000	1955	11,132,000
1971	11,879,000	1954	10,895,800
1970	11,793,909	1953	10,829,100
1969	11,803,000	1952	10,733,700
1968	11,755,400	1951	10,594,900
1967	11,646,000	1950	10,498,012

*FINAL COUNTS FOR CENSUS YEARS AND ESTIMATES FOR ALL OTHER YEARS.

FIGURE A-1
POPULATION: PENNSYLVANIA, 1950-1983

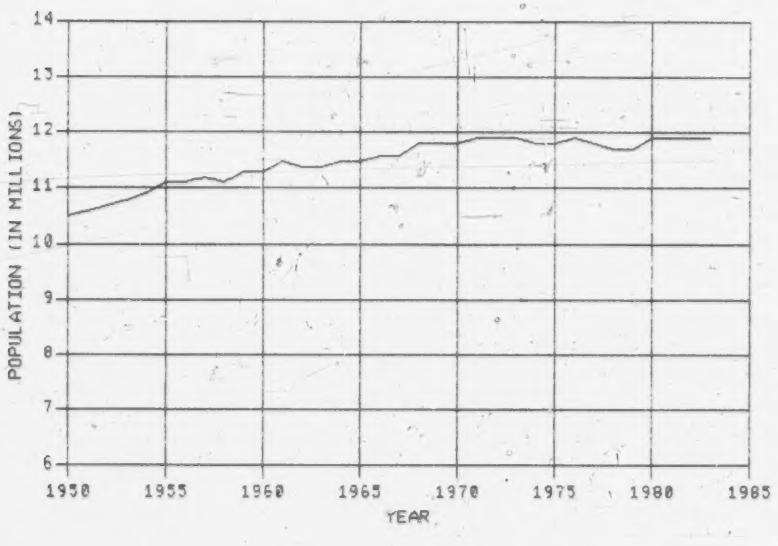


TABLE A-2
POPULATION BY HEALTH SERVICE AREA: PENNSYLVANIA, 1980 AND 1983

HEALTH SERVICE AREA	1983 ESTIMATED POPULATION	1980 ENUMERATED POPULATION
ALL AREAS	11,894,700	11,863,895
HSA I SOUTHEAST PA	3,693,500	3,682,709
HSA II EASTERN PA	948,700	932,970
HSA III NORTHEAST PA	805,100	811,558
HSA IV S. CENTRAL PA	1,448,600	1,412,388
HSA V CENTRAL PA	759,200	754,574
HSA VI SOUTHWEST PA	2,859,600	2,888,898
HSA VII NORTHWEST PA	772,100	770,648
HSA VIII NY-PENN	108,500	107,144
HSA IX KEYSTONE	499,400	503,006

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1983 POPULATION ARE PRELIMINARY PROVISIONAL ESTIMATES PREPARED BY THE STATE DATA CENTER, THE PENNSYLVANIA STATE UNIVERSITY, CAPITOL CAMPUS.

TABLE A-3
POPULATION BY COUNTY: PENNSYLVANIA, 1980 AND 1983

COUNTY	1983 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	COUNTY	1983 ESTIMATED POPULATION	1980 ENUMERATED POPULATION
ALL COUNTIES	11,894,700	11,863,895			
ADAMS	70,500	68,292	JUNIATA	19,700	19,188
ALLEGHENY	1,423,000	1,450,085	LACKAWANNA	225,100	227,908
ARMSTRONG	78,000	77,768	LANCASTER	377,500	362,346
BEAVER	200,800	204,441	LAWRENCE	106,200	107,150
BEDFORD	48,100	46,784	LEBANON	111,000	108,582
BERKS	315,500	312,509	LEHIGH	275,000	272,349
BLAIR	135,100	136,621	LUZERNE	338,200	343,079
BRADFORD	63,900	62,919	LYCOMING	117,400	118,416
BUCKS	501,500	479,211	MCKEAN	49,400	50,635
BUTLER	150,100	147,912	MERCER	127,200	128,299
CAMBRIA	178,300	183,263	MIFFLIN	46,600	46,908
CAMERON	6,700	6,674	MONROE	74,900	69,409
CARBON	54,100	53,285	MONTGOMERY	654,800	643,621
CENTRE	114,500	112,760	MONTOUR	17,000	16,675
CHESTER	329,800	316,660	NORTHAMPTON	229,200	225,418
CLARION	43,400	43,362	NORTHUMBERLAND	100,300	100,381
CLEARFIELD	84,600	83,578	PERRY	37,000	35,718
CLINTON	39,300	38,971	PHILADELPHIA	1,656,300	1,688,210
COLUMBIA	62,300	61,967	PIKE	19,800	18,271
CRAWFORD	89,800	88,869	POTTER	18,100	17,726
CUMBERLAND	183,800	178,541	SCHUYLKILL	157,900	160,630
DAUPHIN	235,500	232,317	SNYDER	35,000	33,584
DELAWARE	551,100	555,007	SOMERSET	81,800	81,243
ELK	37,500	38,338	SULLIVAN	6,200	6,349
ERIE	282,200	279,780	SUSQUEHANNA	38,400	37,676
FAYETTE	158,500	159,417	TIOGA	40,100	40,973
FOREST	5,100	5,072	UNION	33,600	32,870
FRANKLIN	115,600	113,629	VENANGO	64,700	64,444
FULTON	13,400	12,842	WARREN	48,000	47,449
GREENE	41,100	40,476	WASHINGTON	217,400	217,074
HUNTINGDON	42,700	42,253	WAYNE	37,100	35,237
INDIANA	93,400	92,281	WESTMORELAND	390,500	392,294
JEFFERSON	48,800	48,303	WYOMING	27,000	26,433
			YORK	317,700	312,963

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1983 POPULATION ARE PRELIMINARY PROVISIONAL ESTIMATES FROM THE STATE DATA CENTER, THE PENNSYLVANIA STATE UNIVERSITY, CAPITOL CAMPUS.

TABLE A-4
POPULATION BY SELECTED MUNICIPALITY: PENNSYLVANIA, 1980 AND 1983

MUNICIPALITY	1983 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	MUNICIPALITY	1983 ESTIMATED POPULATION	1980 ENUMERATED POPULATION
ALLENTOWN	102,900	103,758	MONROEVILLE	31,300	30,977
ALTOONA	54,900	57,078	NEW CASTLE	32,200	33,621
BETHEL PARK	34,900	34,755	NORRISTOWN	34,400	34,684
BETHLEHEM	69,600	70,419	PITTSBURGH	407,000	423,938
CHESTER	44,400	45,794	PLUM	26,300	25,390
EASTON	25,600	26,027	READING	77,700	78,686
ERIE	116,900	119,123	SCRANTON	84,400	88,117
HARRISBURG	51,200	53,264	SHARON	17,300	19,057
HAZLETON	26,100	27,318	STATE COLLEGE	36,500	36,130
JOHNSTOWN	33,300	35,496	WEST MIFFLIN	25,800	26,279
LANCASTER	55,400	54,725	WILKES-BARRE	49,700	51,551
LEBANON	25,700	25,711	WILLIAMSPORT	32,100	33,401
MCKEESPORT	29,400	31,012	YORK	43,500	44,619

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1983 POPULATION ARE PRELIMINARY PROVISIONAL ESTIMATES PREPARED BY THE STATE DATA CENTER, THE PENNSYLVANIA STATE UNIVERSITY, CAPITOL CAMPUS.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

NATALITY STATISTICS

1983 NATALITY STATISTICS

****
HIGHLIGHTS
****

THE STATE

There were 157,810 resident live births in 1983, a decrease of 2.3 percent from 1982. This represents the first decrease in the number of resident births from a previous year since 1978. The live birth rate per 1,000 population was 13.3, the lowest rate recorded in Pennsylvania also since 1978.

The 1983 general fertility rate of 59.2 live births per 1,000 females 15-44 years old was the third lowest since 1950, with lower rates occurring in 1976 (57.7) and 1975 and 1978 (58.7).

The 1983 total fertility rate (TFR) was one of the lowest since 1950. This rate estimates the number of children a cohort of 1,000 females would bear if they all went through their childbearing years exposed to age - specific birth rates in effect during that particular year. A TFR of 2,000 or above indicates that, on the average, couples have produced at least 2 children to replace themselves. (See the "Total Fertility Rates" section of the Technical Notes in the back of this report for more discussion of total fertility rates). Pennsylvania's TFR has been under 2,000 since 1972. However, it has remained relatively stable since then, although still below replacement level.

In comparing Pennsylvania birth and fertility rates with the United States rates back to 1950, Pennsylvania's rates have always been consistently lower, even during the "babyboom" years of 1950-64.

Almost two-thirds of all live births in 1983 occurred to women aged 20-29. The number of live births to women under 25 years old has declined by 9.6 percent since 1980 and 33 percent since 1970. However, the number of births among women aged 25-39 increased by 7.4 percent from 1980 and 24.3 percent from 1975. Among the age group 25-29, there were more births in 1983 than in 1965. However, the 1983 age-specific birth rate of 109.0 for that age group is 34 percent less than the 1965 age-specific birth rate of 165.2

In 1983, 51.6 percent of the live births were male and 48.4 percent were female. Eighty-six percent of the live births were white and 14 percent were all other races. The same distribution has occurred every year since 1980. Even though the total number of births decreased in 1983 from 1982, the number of white infants increased from 1982 among mothers 30-44; the number of infants of other races inceased for mothers 25 years and older.

Of the mothers for whom trimester of first prenatal visit was known in 1983, 79.5 percent received care during the first trimester of pregnancy. Less than three-fourths of one percent received no prenatal care. Of all

the teenage mothers, 54.1 percent received prenatal care in the first trimester compared to 83 percent of the mothers reported as 20 years old and over. Trimester of first prenatal visit was unknown in 9,288 (5.9 percent) of all resident live births.

In 1983, 6.7 percent of the resident live births were classified as low birthweight (under 2500 grams) compared to 6.6 percent in 1981 and 1982. Infants of teenage mothers (9.8 percent) and mothers 40 and over (9.1 percent) were more likely to be low birthweight in 1983 than infants born to mothers 20-39 (6.2 percent). Similarly, 13.3 percent of nonwhite births were under 2500 grams compared to 5.6 percent of white births. Female births were slightly more likely than male births to be low birthweight (7.3 percent for females, 6.2 percent for males).

In 1983, 43.7 percent of the live births were first-born children, compared to 37 percent in 1970. Less than 9 percent in 1983 were birth order four or above.

Over 20 percent of the births in 1983 were to unmarried mothers. The percentage varied considerably among age groups with almost 60 percent of teenage mothers unmarried compared to 14.4 percent of mothers 20 years and older.

In 1983, 17.6 percent of the mothers delivering live births had less than a twelfth grade education compared to 19 percent in 1980, while 16.4 percent had 16 or more years of education, an increase of over 16 percent since 1980.

The attendant at birth was most often a physician—in 96.6 percent of the births. Only 2.7 percent of live births were attended by a midwife; however, the number of midwife-attended births has risen over 49 percent since 1980. Nearly 99 percent of resident live births were hospital deliveries.

Complications of pregnancy were reported for 23.6 percent of the live births compared to 21.1 in 1982 and 18.5 in 1981. For teenage mothers and mothers 30 and over, the percentages tended to be higher than for mothers 20-29 years of age. Complications of labor or delivery were reported in 16.9 percent of the live births with the lowest percentages among mothers 25-39.

Spontaneous vaginal deliveries accounted for over two-thirds of all resident live births. The proportion of deliveries involving forceps dropped to 11.1 percent, a 29 percent decrease from the 1980 figure; during the same period, the proportion of Caesarean sections increased to 18.9, a rise of 21.2 percent.

The percentage of white births with Apgar scores of 0-5 at one minute was 4.6 compared to 8.5 percent for births of all other races. At five minutes, 90 percent of white births and 84.5 percent of all other births had an Apgar score of 9-10. Differences between males and females were very slight with males tending to have somewhat lower scores than females.

HEALTH SERVICE AREAS

Among the nine Health Service Areas, the birth rate per 1,000 population varied from 11.6 in Northeast Pennsylvania to 14.3 in the Southeast area. The percentage of white births ranged from approximately 71 percent in Southeast Pennsylvania to almost 100 percent in the NY-PENN area.

The percentage of teenage mothers was highest in the NY-PENN area (15.8) and lowest in Southwest Pennsylvania (10.8).

The percentage of low birthweight (under 2500 grams) live births was highest in Southeast Pennsylvania (8.1) and lowest in Eastern Pennsylvania (5.6).

Southcentral Pennsylvania had the highest percentage of mothers with less than 12 years of education (22.2), while the lowest occurred in Southwest Pennsylvania (13.6). Over 18 percent of the mothers in Southeast Pennsylvania had 16 years or more education compared to 10.3 percent in the Keystone area.

Southeast Pennsylvania had the highest percentage of unmarried mothers (29.2)--over 12 percentage points higher than the next highest area--Eastern Pennsylvania with 17 percent. Central and Northeastern areas were the lowest with 13.1 each.

COUNTIES

Six counties accounted for almost 84 percent of the births to races other than white: Allegheny, Chester, Dauphin, Delaware, Montgomery and Philadelphia. There were no births to races other than white in two rural northern counties, Pike and Sullivan. Philadelphia, since 1981, has been the only county with more than 50 percent other than white births.

Philadelphia County had the highest percentage of teenage mothers (19.2). Greene, Huntingdon and Fayette Counties were next highest at 18.8, 18.5 and 18.4, respectively. Montgomery County had the lowest percentage (6.3). Pike County was not far behind at 6.8 percent.

Over one-fourth of all the low birthweight infants in Pennsylvania were born to Philadelphia residents. The percentage for Philadelphia was 10.6--up slightly from 10.4 in 1982.

Almost 8 percent (451) of Lancaster County births were birth order five or more, nearly 150 percent higher than the state percentage of 3.2. The next highest counties were Mifflin with 7.4 percent and Snyder with 6.3 percent.

Lancaster and Snyder Counties shared the highest percentage of mothers with an eighth grade education or less--16.1. Mifflin had 14.9 percent and Union, 11.4 percent. The state percentage was 2.8. Centre and Montgomery Counties led in highest percentage with 16 or more years of education, 30.8 and 30.7, respectively.

Over 46 percent of the births in Philadelphia were to unmarried mothers. The next highest county was Dauphin with 27 percent.

Lancaster County, which had only 3.7 percent of Pennsylvania live births, accounted for over 30 percent of all live births delivered outside of a hospital.

CITIES AND BOROUGHS

Of the 26 municipalities examined, Chester had the highest birth rate with 20.8 per 1,000 population. Harrisburg was a close second at 20.3. Norristown was third at 19.7. State College had the lowest birth rate--4.5.

Births to races other than white exceeded white births in two of the municipalities. In Harrisburg, 58.8 percent of the births were to races other than white compared to 56 percent in 1982. In Chester, other than white births accounted for 71.1 percent of all births compared to 68.5 percent in 1982.

Chester had the highest proportion of low birthweight infants--13.3 percent. In comparison, the state figure was 6.7 percent and the next highest city was Harrisburg with 11 percent.

Over 20 percent of the births in Chester, Harrisburg, Lancaster and York were to teenage mothers. Chester had the highest percentage of births to unmarried mothers--61.5, followed by Harrisburg (56.8 percent), Lancaster (40.8 percent), Reading (38.5 percent) and York (38.2 percent).

TABLE B-1
RESIDENT LIVE BIRTHS: PENNSYLVANIA, 1915-1983

YEAR	NUMBER	YEAR	NUMBER	YEAR	NUMBER
		1959	246,615	1934	160,238
1983	157,810	1958	249,810	1933	157,046
1982	161,561	1957	254,997	1932	168,534
1981	160,179	1956	248,019	1931	178,714
1980	158,670	1955	242,591	1930	189,458
1979	157,533	1954	245,521	1929	189,524
1978	151,438	1953	239,206	1928	200,769
1977	153,415	1952	239,964	1927	210,001
1976	148,004	1951	235,074	1926	207,696
1975	146,942	1950	221,635	1925	215,120
1974	151,858	1949	224,581	1924	223,103
1973	153,272	1948	227,227	1923	217,235
1972	163,110	1947	248,513	1922	214,348
1971	180,939	1946	218,376	1921	229,452
1970	192,154	1945	173,799	1920	220,462
1969	185,046	1944	178,370	1919	207,685
1968	185,729	1943	199,366	1918	220,170
1967	188,706	1942	197,177	1917	222,505
1966	195,869	1941	174,193	1916	217,449
1965	204,105	1940	165,456	1915	217,979
1964	216,515	1939	160,774		
1963	221,537	1938	165,708		
1962	226,393	1937	161,133		
1961	240,172	1936	159,393		
1960	241,099	1935	161,166		

NOTE: DATA PRIOR TO 1937 ARE BY PLACE OF OCCURRENCE. ALL OTHER DATA ARE BY PLACE OF RESIDENCE.

TABLE B-2
RESIDENT LIVE BIRTH RATE, GENERAL FERTILITY RATE AND TOTAL FERTILITY RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1983

YEAR	LIVE BIRTH RATE*		GENERAL FERTILITY RATE*		TOTAL FERTILITY RATE*	
	PENNSYLVANIA	UNITED STATES	PENNSYLVANIA	UNITED STATES	PENNSYLVANIA	UNITED STATES
1983	13.3	15.5**	59.2	***	1633.5	***
1982	13.6	15.9	60.6	67.3	1667.5	1828.5
1981	13.5	15.8	60.7	67.4	1654.5	1815.0
1980	13.4	15.9	60.1	68.4	1633.5	1839.5
1979	13.4	15.9	60.4	68.5	1672.0	1856.4
1978	12.9	15.3	58.7	66.6	1617.0	1800.2
1977	13.0	15.4	59.8	67.8	1620.5	1826.3
1976	12.5	14.8	57.7	65.8	1569.5	1768.2
1975	12.6	14.8	58.7	66.7	1600.5	1799.0
1974	12.8	14.9	60.5	68.4	1673.5	1856.6
1973	12.9	14.9	61.7	69.2	1734.5	1895.6
1972	13.7	15.6	66.3	73.4	1892.5	2021.9
1971	15.1	17.2	75.4	81.8	2188.5	2274.6
1970	16.3	18.4	80.6	87.9	2378.5	2480.0
1969	15.7	17.9	76.6	86.1	2245.0	2455.5
1968	15.8	17.6	77.6	85.2	2319.5	2464.2
1967	16.2	17.8	80.0	87.2	2444.5	2557.7
1966	16.8	18.4	83.4	90.8	2593.5	2721.4
1965	17.7	19.4	87.6	96.3	2754.5	2912.6
1964	19.1	21.1	94.8	104.7	3002.0	3190.5
1963	19.4	21.7	96.2	108.3	3072.5	3318.8
1962	19.9	22.4	98.8	112.0	3222.0	3461.3
1961	20.9	23.3	104.1	117.1	3390.5	3620.3
1960	21.3	23.7	104.5	118.0	3354.5	3653.6
1959	21.8	24.2	104.3	119.9	3258.5	3712.4
1958	22.5	24.5	106.8	120.0	3315.5	3700.5
1957	22.8	25.3	107.7	122.7	3316.5	3767.0
1956	22.3	25.2	103.6	121.0	3169.5	3689.0
1955	21.6	25.0	100.1	118.3	3020.0	3573.7
1954	22.5	25.3	101.9	117.9	3042.0	3542.6
1953	22.1	25.1	98.9	115.0	2912.0	3424.1
1952	22.4	25.1	98.4	113.8	2873.5	3358.4
1951	22.2	24.9	96.5	111.4	2799.5	3269.3
1950	21.1	24.1	90.6	106.2	2610.0	3090.5

* LIVE BIRTH RATES PER 1,000 POPULATION.

GENERAL FERTILITY RATE: NUMBER OF TOTAL LIVE BIRTHS PER 1,000 FEMALES OF CHILDBEARING AGE (BETWEEN THE AGES OF 15 AND 44 YEARS).

TOTAL FERTILITY RATE: THE SUM OF THE AGE-SPECIFIC BIRTH RATES OF WOMEN IN FIVE YEAR AGE GROUPS MULTIPLIED BY FIVE. THIS RATE ESTIMATES THE NUMBER OF CHILDREN A COHORT OF 1,000 WOMEN WOULD BEAR IF THEY ALL WENT THROUGH THEIR CHILDBEARING YEARS EXPOSED TO THE AGE SPECIFIC BIRTH RATES IN EFFECT AT A PARTICULAR TIME.

** PROVISIONAL DATA.

***DATA NOT AVAILABLE.

FIGURE B-1
LIVE BIRTH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1983

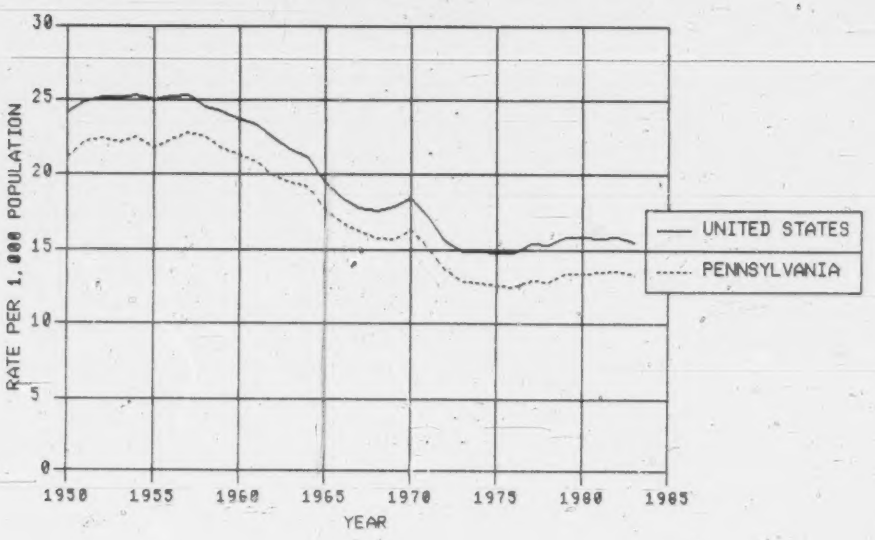
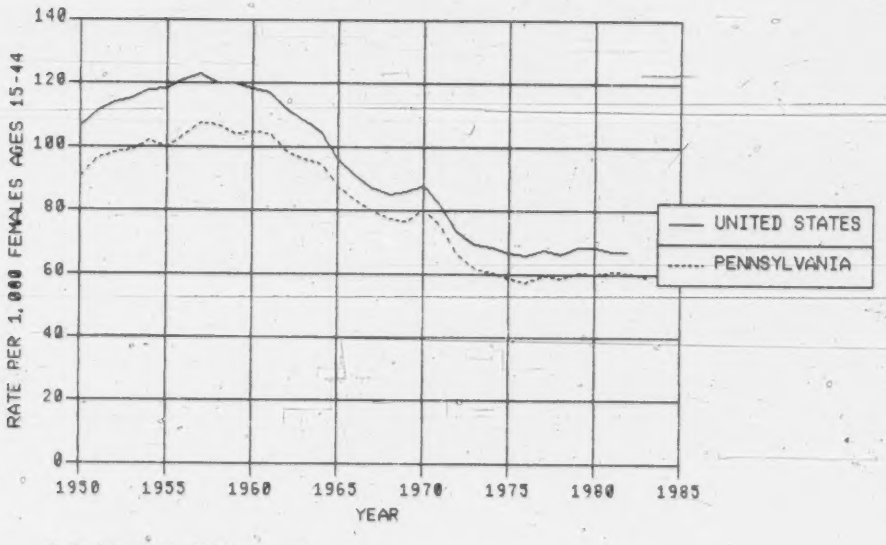


FIGURE B-2
GENERAL FERTILITY RATES
PENNSYLVANIA AND THE UNITED STATES, 1950-1983



U. S. data not available for 1983.

TABLE B-3
RESIDENT LIVE BIRTHS BY AGE OF MOTHER,
NUMBER AND RATE: PENNSYLVANIA, 1983, 1980, 1975, 1970, 1965

AGE OF MOTHER	1983		1980		1975		1970		1965	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES*	157,810	46.4	158,670	46.6	148,942	43.3	192,154	57.1	204,105	62.7
UNDER 15**	363	0.9	324	0.7	412	0.8	443	0.8	317	0.6
15-19	19,208	38.6	21,683	40.5	24,701	43.6	28,592	53.2	26,308	54.4
20-24***	47,659	90.3	52,371	97.5	50,414	95.0	71,365	156.1	69,644	173.9
25-29	53,118	109.0	52,077	109.3	47,304	104.8	54,250	149.6	52,983	165.2
30-34	28,718	64.5	25,306	58.6	18,881	52.8	23,913	75.7	31,964	98.3
35-39	7,632	19.9	5,958	17.0	5,815	18.7	10,526	32.3	17,741	46.0
40-44	1,070	3.3	898	2.9	1,334	4.2	2,878	7.5	4,884	11.8
45 & OVER****	42	0.1	53	0.2	81	0.2	187	0.5	264	0.7

* RATE PER 1,000 FEMALE POPULATION AGED 10-49 YEARS.
** RATE PER 1,000 FEMALE POPULATION AGED 10-14 YEARS.
*** BIRTHS WITH UNKNOWN MOTHER'S AGE ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.
****RATE PER 1,000 FEMALE POPULATION AGED 45-49 YEARS.

FIGURE B-3
BIRTH RATES BY AGE OF MOTHER, PENNSYLVANIA, 1983

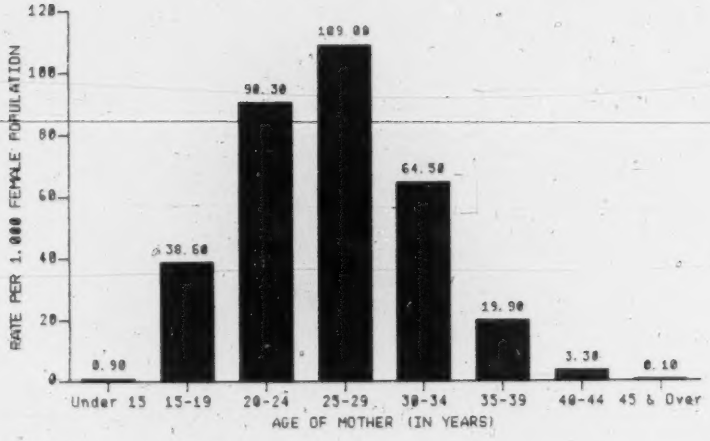


TABLE B-4
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, SEX AND RACE OF CHILD
PENNSYLVANIA, 1983

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	WHITE			ALL OTHER		
		TOTAL	MALE*	FEMALE	TOTAL	MALE*	FEMALE
ALL AGES	157,810	135,172	69,820	65,352	22,638	11,536	11,102
UNDER 15	363	149	71	78	214	112	102
15-19	19,208	14,000	7,311	6,689	5,208	2,705	2,503
20-24	47,625	40,050	20,650	19,400	7,575	3,862	3,713
25-29	53,118	47,331	24,463	22,868	5,787	2,959	2,828
30-34	28,718	25,884	13,296	12,588	2,834	1,400	1,434
35-39	7,632	6,770	3,501	3,269	862	427	435
40-44	1,070	936	499	439	132	61	71
45 AND OVER	42	30	19	11	12	5	7
UNKNOWN	34	20	10	10	14	5	9

*UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-5
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TRIMESTER OF 1ST PRENATAL VISIT
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	157,810	118,055	74.8	24,685	15.6	4,724	3.0	9,288	5.9	1,058	0.7
UNDER 15	363	94	25.9	150	41.3	57	15.7	46	12.7	16	4.4
15-19	19,208	9,675	50.4	6,344	33.0	1,417	7.4	1,462	7.7	290	1.5
20-24	47,625	33,851	71.1	8,800	18.5	1,616	3.4	2,973	6.2	385	0.8
25-29	53,118	43,472	81.8	5,652	10.6	933	1.8	2,843	5.4	218	0.4
30-34	28,718	24,137	84.0	2,615	9.1	449	1.6	1,422	5.0	95	0.3
35-39	7,632	6,074	79.6	909	11.9	193	2.5	417	5.5	39	0.5
40-44	1,070	720	67.3	200	18.7	56	5.2	79	7.4	15	1.4
45 AND OVER	42	25	59.5	12	28.6	3	7.1	2	4.8	0	-
UNKNOWN	34	7	20.6	3	8.8	0	-	24	70.6	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-6
RESIDENT LIVE BIRTHS BY BIRTHWEIGHT, SEX AND RACE OF CHILD
PENNSYLVANIA, 1983

BIRTH-WEIGHT (IN GRAMS)	TOTAL BIRTHS	WHITE			ALL OTHER		
		TOTAL	MALE*	FEMALE	TOTAL	MALE*	FEMALE
TOTAL	157,810	135,172	69,820	65,352	22,638	11,536	11,102
0-1499	1,966	1,300	690	610	666	349	317
1500-2499	8,626	6,271	2,954	3,317	2,355	1,053	1,302
2500-3499	83,378	69,113	32,075	37,038	14,265	6,909	7,356
3500-4499	60,800	55,628	32,063	23,565	5,172	3,103	2,069
4500 & OVER	2,960	2,795	1,994	801	165	117	48
UNKNOWN	80	65	44	21	15	5	10

* UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-7
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND BIRTHWEIGHT
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	BIRTHWEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	157,810	1,966	1.2	8,626	5.5	83,378	52.8	60,800	38.5	2,960	1.9	80	0.1
UNDER 15	363	26	7.2	47	12.9	216	59.5	73	20.1	1	0.3	0	-
15-19	14,208	381	2.0	1,469	7.6	11,507	59.9	5,071	26.5	175	0.9	5	0.0
20-24	47,625	561	1.2	2,714	5.7	26,261	55.1	17,367	36.5	698	1.5	23	0.0
25-29	53,118	550	1.0	2,425	4.6	27,273	51.3	21,765	41.0	1,079	2.0	26	0.0
30-34	28,718	344	1.2	1,467	5.1	13,937	48.5	12,238	42.6	715	2.5	17	0.1
35-39	7,632	84	1.1	417	5.5	3,639	47.7	3,242	42.5	246	3.2	4	0.1
40-44	1,070	16	1.5	82	7.7	509	47.6	418	39.1	44	4.1	1	0.1
45 AND OVER	42	1	2.4	2	4.8	17	40.5	20	47.6	2	4.8	0	-
UNKNOWN	34	2	5.9	3	8.8	19	55.9	6	17.6	0	-	4	11.8

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

NOTE: LOW BIRTHWEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-8A
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS PREGNANCIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	NUMBER OF PREVIOUS PREGNANCIES											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	157,810	56,471	35.8	48,488	30.7	27,222	17.2	12,427	7.9	10,146	6.4	3,056	1.9
UNDER 15	363	340	93.7	16	4.4	2	0.6	0	-	0	-	5	1.4
15-19	19,208	13,620	70.9	4,157	21.6	922	4.8	189	1.0	42	0.2	278	1.4
20-24	47,625	19,861	41.7	15,860	33.3	7,136	15.0	2,595	5.4	1,281	2.7	892	1.9
25-29	53,118	16,034	30.2	17,964	33.8	10,333	19.5	4,551	8.6	3,168	6.0	1,068	2.0
30-34	28,718	5,503	19.2	8,677	30.2	6,955	24.2	3,711	12.9	3,297	11.5	575	2.0
35-39	7,632	1,015	13.3	1,699	22.3	1,702	22.3	1,221	16.0	1,815	23.8	180	2.4
40-44	1,070	85	7.9	105	9.8	164	15.3	157	14.7	517	48.3	42	3.9
45 AND OVER	42	5	11.9	4	9.5	6	14.3	2	4.8	24	57.1	1	2.4
UNKNOWN	34	3	8.8	6	17.6	2	5.9	1	2.9	2	5.9	20	58.8

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-8B
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS LIVE BIRTHS
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	NUMBER OF PREVIOUS LIVE BIRTHS											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	157,810	69,040	43.7	52,137	33.0	23,107	14.6	8,104	5.1	5,032	3.2	390	0.2
UNDER 15	363	352	97.0	9	2.5	2	0.6	0	-	0	-	0	-
15-19	19,208	15,385	80.1	3,225	16.8	456	2.4	53	0.3	9	0.0	82	0.4
20-24	47,625	24,456	51.4	16,258	34.1	5,164	10.8	1,248	2.6	369	0.8	130	0.3
25-29	53,118	20,199	38.0	19,913	37.5	8,827	16.6	2,830	5.3	1,260	2.4	89	0.2
30-34	28,718	7,167	25.0	10,439	36.4	6,667	23.2	2,703	9.4	1,693	5.9	49	0.2
35-39	7,632	1,351	17.7	2,128	27.9	1,808	23.7	1,085	14.2	1,242	16.3	18	0.2
40-44	1,070	122	11.4	151	14.1	177	16.5	183	17.1	433	40.5	4	0.4
45 AND OVER	42	5	11.9	8	19.0	5	11.9	1	2.4	23	54.8	0	-
UNKNOWN	34	5	14.7	6	17.6	1	2.9	1	2.9	3	8.8	18	52.9

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-9
RESIDENT LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	MARITAL STATUS					
		MARRIED		UNMARRIED		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	157,810	124,782	79.1	31,684	20.1	1,344	0.9
UNDER 15	363	22	6.1	339	93.4	2	0.6
15-19	19,208	7,737	40.3	11,376	59.2	95	0.5
20-24	47,625	35,652	74.9	11,563	24.3	410	0.9
25-29	53,118	47,024	88.5	5,595	10.5	499	0.9
30-34	28,718	26,433	92.0	2,043	7.1	242	0.8
35-39	7,632	6,918	90.6	642	8.4	72	0.9
40-44	1,070	948	88.6	107	10.0	15	1.4
45 AND OVER	42	37	88.1	4	9.5	1	2.4
UNKNOWN	34	11	32.4	15	44.1	8	23.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-10
RESIDENT LIVE BIRTHS BY AGE AND EDUCATION OF MOTHER
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	157,810	4,358	2.8	23,390	14.8	78,683	49.9	24,440	15.5	25,816	16.4	1,123	0.7
UNDER 15	363	228	62.8	116	32.0	2	0.6	0	-	2	0.6	15	4.1
15-19	19,208	981	5.1	9,792	51.0	7,576	39.4	622	3.2	20	0.1	217	1.1
20-24	47,625	1,226	2.6	8,014	16.8	29,252	61.4	6,783	14.2	2,045	4.3	305	0.6
25-29	53,118	934	1.8	3,594	6.8	26,986	50.8	10,390	19.6	10,909	20.5	305	0.6
30-34	28,718	556	1.9	1,265	4.4	11,356	39.5	5,255	18.3	10,105	35.2	181	0.6
35-39	7,632	323	4.2	489	6.4	3,006	39.4	1,243	16.3	2,511	32.9	62	0.8
40-44	1,070	100	9.3	112	10.5	485	45.3	138	12.9	221	20.7	14	1.3
45 AND OVER	42	8	19.0	7	16.7	14	33.3	9	21.4	2	4.8	2	4.8
UNKNOWN	34	2	5.9	1	2.9	8	23.5	0	-	1	2.9	22	64.7

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-11
RESIDENT LIVE BIRTHS BY AGE OF MOTHER,
PLACE OF DELIVERY AND ATTENDANT AT BIRTH
PENNSYLVANIA, 1983

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
ALL AGES	157,810	151,628	3,204	72	745	837	1,018	240	66
UNDER 15	363	340	18	0	3	2	0	0	0
15-19	19,208	18,282	742	9	100	43	16	15	1
20-24	47,625	45,719	1,097	26	241	211	262	56	13
25-29	53,118	51,255	818	20	255	271	395	85	19
30-34	28,718	27,671	403	15	108	204	237	61	19
35-39	7,632	7,296	115	1	28	73	89	18	12
40-44	1,070	997	11	1	9	31	18	2	1
45 AND OVER	42	40	0	0	0	1	1	0	0
UNKNOWN	34	28	0	0	1	1	0	3	1

TABLE B-12
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TYPE OF MEDICAL CONDITION
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	COMPLICATIONS OF PREGNANCY		CONCURRENT ILLNESSES OR CONDITIONS		COMPLICATIONS OF LABOR OR DELIVERY		BIRTH INJURIES OF CHILD		CONGENITAL ANOMALIES	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	157,810	37,235	23.6	5,749	3.6	26,660	16.9	611	0.4	1,480	0.9
UNDER 15	363	112	30.9	12	3.3	82	22.6	3	0.8	5	1.4
15-19	19,208	4,615	24.0	681	3.5	3,452	18.0	116	0.6	203	1.1
20-24	47,625	10,831	22.7	1,619	3.4	8,244	17.3	207	0.4	437	0.9
25-29	53,118	11,987	22.6	1,783	3.4	8,820	16.6	181	0.3	480	0.9
30-34	28,718	7,228	25.2	1,189	4.1	4,555	15.9	79	0.3	265	0.9
35-39	7,632	2,110	27.6	386	5.1	1,276	16.7	18	0.2	64	0.8
40-44	1,070	331	30.9	77	7.2	211	19.7	5	0.5	24	2.2
45 AND OVER	42	13	31.0	2	4.8	14	33.3	1	2.4	1	2.4
UNKNOWN	34	8	23.5	0	-	6	17.6	1	2.9	1	2.9

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

NOTE: MORE THAN ONE TYPE OF MEDICAL CONDITION MAY BE REPORTED FOR A LIVE BIRTH.

TABLE B-13
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY
PENNSYLVANIA, 1983

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	METHOD OF DELIVERY						
		NORMAL DELIVERY	LOW FORCEPS	OTHER FORCEPS	BREECH DELIVERY	ELECTIVE CAESAREAN	OTHER AND UNSPECIFIED CAESAREAN	OTHER AND UNSPECIFIED METHOD
ALL AGES	157,810	104,825	15,370	2,184	930	13,918	15,923	4,660
UNDER 15	363	243	48	7	2	15	37	11
15-19	19,208	13,465	2,171	290	88	951	1,799	444
20-24	47,625	32,379	4,707	625	266	3,614	4,717	1,317
25-29	53,118	35,041	5,099	773	325	4,984	5,244	1,652
30-34	26,718	18,316	2,614	358	180	3,271	3,077	902
35-39	7,632	4,709	655	121	56	952	873	266
40-44	1,070	632	69	10	11	123	166	59
45 AND OVER	42	20	4	0	1	6	10	1
UNKNOWN	34	20	3	0	1	2	0	8

TABLE B-14A
RESIDENT LIVE BIRTHS BY APGAR SCORE AT ONE MINUTE
BY RACE AND SEX OF CHILD
PENNSYLVANIA, 1983

APGAR SCORE	TOTAL BIRTHS	WHITE			ALL OTHER		
		TOTAL	MALE*	FEMALE	TOTAL	MALE*	FEMALE
TOTAL	157,810	135,172	69,820	65,352	22,638	11,536	11,102
0-5	8,163	6,239	3,461	2,778	1,924	1,037	887
6	5,372	4,402	2,318	2,084	970	508	462
7	14,530	12,216	6,365	5,851	2,314	1,123	1,191
8	54,777	46,298	23,840	22,454	8,483	4,323	4,160
9	68,547	60,092	30,811	29,281	8,455	4,300	4,155
10	5,418	5,139	2,613	2,526	279	150	129
UNKNOWN	1,003	790	412	378	213	95	118

* UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-14B
RESIDENT LIVE BIRTHS BY APGAR SCORE AT FIVE MINUTES
BY RACE AND SEX OF CHILD
PENNSYLVANIA, 1983

APGAR SCORE	TOTAL BIRTHS	WHITE			ALL OTHER		
		TOTAL	MALE*	FEMALE	TOTAL	MALE*	FEMALE
TOTAL	157,810	135,172	69,820	65,352	22,638	11,536	11,102
0-5	1,722	1,254	687	567	468	243	225
6	1,032	799	448	351	233	135	98
7	2,450	1,943	1,078	865	507	258	249
8	10,654	8,763	4,711	4,052	2,091	1,064	1,027
9	89,591	74,106	38,316	35,790	15,485	7,910	7,575
10	51,127	47,491	24,150	23,341	3,636	1,827	1,809
UNKNOWN	1,034	816	430	386	218	99	119

* UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-15
RESIDENT LIVE BIRTHS BY SEX, RACE AND HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1983

HEALTH HEALTH SERVICE	TOTAL BIRTHS	RATE*	WHITE			ALL OTHER		
			TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AREAS	157,810	13.3	135,172	69,820	65,352	22,638	11,536	11,102
HSA 1-SOUTHEAST	52,693	14.3	37,229	19,210	18,019	15,464	7,914	7,550
HSA 2-EASTERN	11,776	12.4	11,173	5,866	5,307	603	316	287
HSA 3-NORTHEAST	9,352	11.6	9,179	4,687	4,492	173	72	101
HSA 4-S. CENTRAL	19,603	13.5	18,051	9,307	8,744	1,552	783	769
HSA 5-CENTRAL	9,987	13.2	9,801	5,074	4,727	186	87	99
HSA 6-SOUTHWEST	35,737	12.5	31,772	16,418	15,354	3,965	2,020	1,945
HSA 7-NORTHWEST	10,808	14.0	10,241	5,290	4,951	567	277	290
HSA 8-NY-PENN	1,535	14.1	1,529	795	734	6	3	3
HSA 9-KEYSTONE	6,319	12.7	6,197	3,173	3,024	122	64	58

* RATE PER 1,000 POPULATION FOR EACH SPECIFIED AREA.
** UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-16
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND HEALTH SERVICE AREA
PENNSYLVANIA, 1983

HEALTH SERVICE AREA	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
ALL AREAS	157,810	363	19,208	47,625	53,118	28,718	7,632	1,070	42	34
HSA 1-SOUTHEAST	52,693	195	6,813	14,708	17,442	10,206	2,905	399	13	12
HSA 2-EASTERN	11,776	15	1,325	3,444	4,188	2,220	524	59	0	1
HSA 3-NORTHEAST	9,352	7	1,045	2,824	3,160	1,712	524	75	4	1
HSA 4-S. CENTRAL	19,603	26	2,281	6,271	6,642	3,359	877	140	6	1
HSA 5-CENTRAL	9,987	13	1,417	3,513	3,138	1,470	369	64	2	1
HSA 6-SOUTHWEST	35,737	74	3,802	10,468	12,576	6,890	1,694	208	7	18
HSA 7-NORTHWEST	10,808	19	1,395	3,666	3,475	1,726	449	76	2	0
HSA 8-NY-PENN	1,535	2	241	558	466	203	60	4	1	0
HSA 9-KEYSTONE	6,319	12	889	2,173	2,031	932	230	45	7	0

TABLE B-17
RESIDENT LIVE BIRTHS BY NUMBER OF PREVIOUS PREGNANCIES
AND HEALTH SERVICE AREA
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	TOTAL BIRTHS	NUMBER OF PREVIOUS PREGNANCIES											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS	157,810	56,471	35.8	48,488	30.7	27,222	17.2	12,427	7.9	10,146	6.4	3,056	1.9
HSA 1-SOUTHEAST	52,693	17,977	34.1	15,626	29.7	9,391	17.8	4,659	8.8	4,178	7.9	862	1.6
HSA 2-EASTERN	11,776	4,250	35.9	3,808	32.3	2,052	17.4	912	7.7	661	5.6	113	1.0
HSA 3-NORTHEAST	9,352	3,429	36.7	2,915	31.2	1,566	16.7	725	7.8	571	6.1	146	1.6
HSA 4-S. CENTRAL	19,603	7,276	37.1	5,897	30.1	3,262	16.6	1,457	7.4	1,425	7.3	286	1.5
HSA 5-CENTRAL	9,967	3,597	36.0	3,165	31.7	1,752	17.5	757	7.6	594	5.9	122	1.2
HSA 6-SOUTHWEST	35,737	13,345	37.3	11,509	32.2	6,029	16.9	2,448	6.9	1,588	4.4	818	2.3
HSA 7-NORTHWEST	10,808	3,806	35.2	3,218	29.8	1,853	17.1	892	8.3	711	6.6	328	3.0
HSA 8-NY-PENN	1,535	453	29.5	392	25.5	246	16.0	99	6.4	86	5.6	259	16.9
HSA 9-KEYSTONE	6,319	2,358	37.3	1,958	31.0	1,071	16.9	478	7.6	332	5.3	122	1.9

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

TABLE B-18
RESIDENT LIVE BIRTHS BY NUMBER OF PREVIOUS LIVE BIRTHS
AND HEALTH SERVICE AREA
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	TOTAL BIRTHS	NUMBER OF PREVIOUS LIVE BIRTHS											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS	157,810	69,040	43.7	52,137	33.0	23,107	14.6	8,104	5.1	5,032	3.2	390	0.2
HSA 1-SOUTHEAST	52,693	22,868	43.4	16,818	31.9	8,015	15.2	3,005	5.7	1,916	3.6	71	0.1
HSA 2-EASTERN	11,776	5,223	44.4	4,150	35.2	1,562	13.3	538	4.6	279	2.4	24	0.2
HSA 3-NORTHEAST	9,352	4,000	42.8	3,115	33.3	1,391	14.9	509	5.4	327	3.5	10	0.1
HSA 4-S. CENTRAL	19,603	8,925	45.5	6,274	32.0	2,654	13.5	934	4.8	806	4.1	10	0.1
HSA 5-CENTRAL	9,987	4,286	42.9	3,351	33.6	1,485	14.9	525	5.3	328	3.3	12	0.1
HSA 6-SOUTHWEST	35,737	15,901	44.5	12,229	34.2	5,102	14.3	1,510	4.2	742	2.1	253	0.7
HSA 7-NORTHWEST	10,808	4,492	41.6	3,564	33.0	1,690	15.6	674	6.2	383	3.5	5	0.0
HSA 8-NY-PENN	1,535	649	42.3	504	32.8	235	15.3	77	5.0	67	4.4	3	0.2
HSA 9-KEYSTONE	6,319	2,696	42.7	2,132	33.7	973	15.4	332	5.3	184	2.9	2	0.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

TABLE B-19
RESIDENT LIVE BIRTHS BY BIRTHWEIGHT AND HEALTH SERVICE AREA
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	TOTAL BIRTHS	BIRTHWEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS	157,810	1,966	1.2	8,626	5.5	83,378	52.8	60,800	38.5	2,960	1.9	80	0.1
HSA 1-SOUTHEAST	52,693	867	1.6	3,433	6.5	28,763	54.6	18,700	35.5	898	1.7	32	0.1
HSA 2-EASTERN	11,776	104	0.9	556	4.7	6,068	51.7	4,794	40.7	224	1.9	10	0.1
HSA 3-NORTHEAST	9,352	83	0.9	449	4.8	4,868	52.1	3,775	40.4	171	1.8	6	0.1
HSA 4-S. CENTRAL	19,603	231	1.2	936	4.8	9,867	50.3	8,127	41.5	436	2.2	6	0.0
HSA 5-CENTRAL	9,987	98	1.0	491	4.9	5,177	51.8	4,031	40.4	186	1.9	4	0.0
HSA 6-SOUTHWEST	35,737	414	1.2	1,870	5.2	18,813	52.6	13,983	39.1	642	1.8	15	0.0
HSA 7-NORTHWEST	10,808	92	0.9	521	4.8	5,559	51.4	4,361	40.3	268	2.5	7	0.1
HSA 8-NY-PENN	1,535	21	1.4	68	4.4	788	51.3	625	40.7	33	2.1	0	-
HSA 9-KEYSTONE	6,319	56	0.9	302	4.8	3,455	54.7	2,404	38.0	102	1.6	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

NOTE: LOW BIRTHWEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-20
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND HEALTH SERVICE AREA
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 +		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS	157,810	4,358	2.8	23,390	14.6	78,683	49.9	24,440	15.5	25,816	16.4	1,123	0.7
HSA 1-SOUTHEAST	52,693	1,120	2.1	8,600	16.3	24,023	45.6	8,422	16.0	9,772	18.5	756	1.4
HSA 2-EASTERN	11,776	316	2.7	1,779	15.1	5,671	48.2	1,946	16.5	1,994	16.9	70	0.6
HSA 3-NORTHEAST	9,352	154	1.6	1,234	13.2	4,975	53.2	1,646	17.6	1,335	14.3	8	0.1
HSA 4-S. CENTRAL	19,603	1,324	6.8	3,014	15.4	9,612	49.0	2,721	13.9	2,840	14.5	92	0.5
HSA 5-CENTRAL	9,987	439	4.4	1,596	16.0	5,206	52.1	1,352	13.5	1,378	13.8	16	0.2
HSA 6-SOUTHWEST	35,737	521	1.5	4,319	12.1	18,805	52.6	5,689	15.9	6,262	17.5	141	0.4
HSA 7-NORTHWEST	10,808	309	2.9	1,620	15.0	5,879	54.4	1,551	14.4	1,422	13.2	27	0.2
HSA 8-NY-PENN	1,535	38	2.5	282	18.4	805	52.4	239	15.6	164	10.7	7	0.5
HSA 9-KEYSTONE	6,319	137	2.2	946	15.0	3,707	58.7	874	13.8	649	10.3	6	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

TABLE B-21
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND HEALTH SERVICE AREA
NUMBER AND PERCENT: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	PERCENT*	NUMBER	PERCENT**	NUMBER	PERCENT**	NUMBER	PERCENT*	NUMBER	PERCENT***	NUMBER	PERCENT***
ALL AREAS	157,810	124,782	79.1	7,759	6.2	117,012	93.8	31,684	20.1	11,715	37.0	19,954	63.0
HSA 1-SOUTHEAST	52,693	37,265	70.7	1,566	4.2	35,695	95.8	15,374	29.2	5,438	35.4	9,930	64.6
HSA 2-EASTERN	11,776	9,763	82.9	551	5.6	9,212	94.4	2,000	17.0	788	39.4	1,211	60.5
HSA 3-NORTHEAST	9,352	8,004	85.6	557	7.0	7,446	93.0	1,229	13.1	493	40.1	736	59.9
HSA 4-S. CENTRAL	19,603	16,166	82.5	1,068	6.6	15,097	93.4	3,186	16.3	1,230	38.6	1,956	61.4
HSA 5-CENTRAL	9,987	8,569	85.8	910	10.6	7,658	89.4	1,310	13.1	510	38.9	800	61.1
HSA 6-SOUTHWEST	35,737	29,672	83.6	1,760	5.9	28,108	94.1	5,746	16.1	2,105	36.6	3,633	63.2
HSA 7-NORTHWEST	10,808	8,754	81.0	676	7.7	8,078	92.3	1,742	16.1	707	40.6	1,035	59.4
HSA 8-NY-PENN	1,535	1,051	68.5	128	12.2	923	87.8	225	14.7	94	41.8	131	58.2
HSA 9-KEYSTONE	6,319	5,338	84.5	543	10.2	4,795	89.8	872	13.8	350	40.1	522	59.9

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH AREA.
** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH AREA.
*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH AREA.
NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS.
UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS.

TABLE B-22
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
NUMBER AND RATES*, PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	BIRTH RATE*	GENERAL FERTILITY RATE**	WHITE			ALL OTHER		
				TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
ALL COUNTIES	157,810	13.3	59.2	135,172	69,820	65,352	22,638	11,536	11,102
ADAMS	949	13.5	57.9	917	472	445	32	20	12
ALLEGHENY	17,972	12.6	55.8	14,801	7,654	7,147	3,171	1,617	1,554
ARMSTRONG	1,035	13.2	64.3	1,022	510	512	13	6	7
BEAVER	2,423	12.1	55.3	2,184	1,155	1,029	239	128	111
BEDFORD	602	12.5	59.6	597	319	278	5	1	4
BERKS	4,092	13.0	59.2	3,836	2,053	1,783	256	134	122
BLAIR	1,714	12.7	58.5	1,693	860	833	21	12	9
BRADFORD	905	14.2	64.2	901	451	450	4	2	2
BUCKS	7,031	14.0	59.3	6,638	3,460	3,178	393	212	181
BUTLER	2,062	13.7	58.9	2,043	1,055	988	19	7	12
CAMBRIA	2,173	12.2	58.4	2,096	1,087	1,009	77	44	33
CAMERON	69	13.3	63.6	67	44	43	2	2	0
CARBON	636	11.8	59.4	629	324	305	7	5	2
CENTRE	1,353	11.6	41.3	1,249	637	612	84	38	46
CHESTER	4,559	13.8	57.4	4,043	2,064	1,979	516	264	252
CLARION	561	12.9	54.5	557	277	280	4	2	2
CLEARFIELD	1,141	13.5	66.0	1,137	602	535	4	1	3
CLINTON	473	12.0	54.4	466	225	241	7	3	4
COLUMBIA	757	12.2	51.1	744	373	371	13	7	6
CRAWFORD	1,289	14.4	65.4	1,272	674	598	17	7	10
CUMBERLAND	2,167	11.8	49.6	2,090	1,085	1,005	77	40	37
DAUPHIN	3,307	14.0	61.6	2,547	1,332	1,215	760	391	369
DELAWARE	7,561	13.7	61.4	6,426	3,295	3,131	1,135	593	542
ELK	565	15.1	71.5	564	279	285	1	0	1
ERIE	4,272	15.1	65.7	3,884	2,012	1,872	388	196	192
FAYETTE	2,024	12.8	62.5	1,906	1,003	903	118	61	57
FOREST	49	9.6	49.0	48	21	27	1	0	1
FRANKLIN	1,414	12.2	55.0	1,356	684	672	58	26	32
FULTON	176	13.1	62.9	173	89	84	3	1	2
GREENE	565	13.7	65.7	561	272	289	4	1	3
HUNTINGDON	545	12.8	60.6	535	254	281	10	4	6
INDIANA	1,201	12.9	51.8	1,188	627	561	13	7	6
JEFFERSON	742	15.2	73.5	741	396	345	1	1	0
JUNIATA	285	14.5	69.5	282	154	128	3	3	0
LACKAWANNA	2,720	12.1	58.5	2,645	1,357	1,288	75	24	51

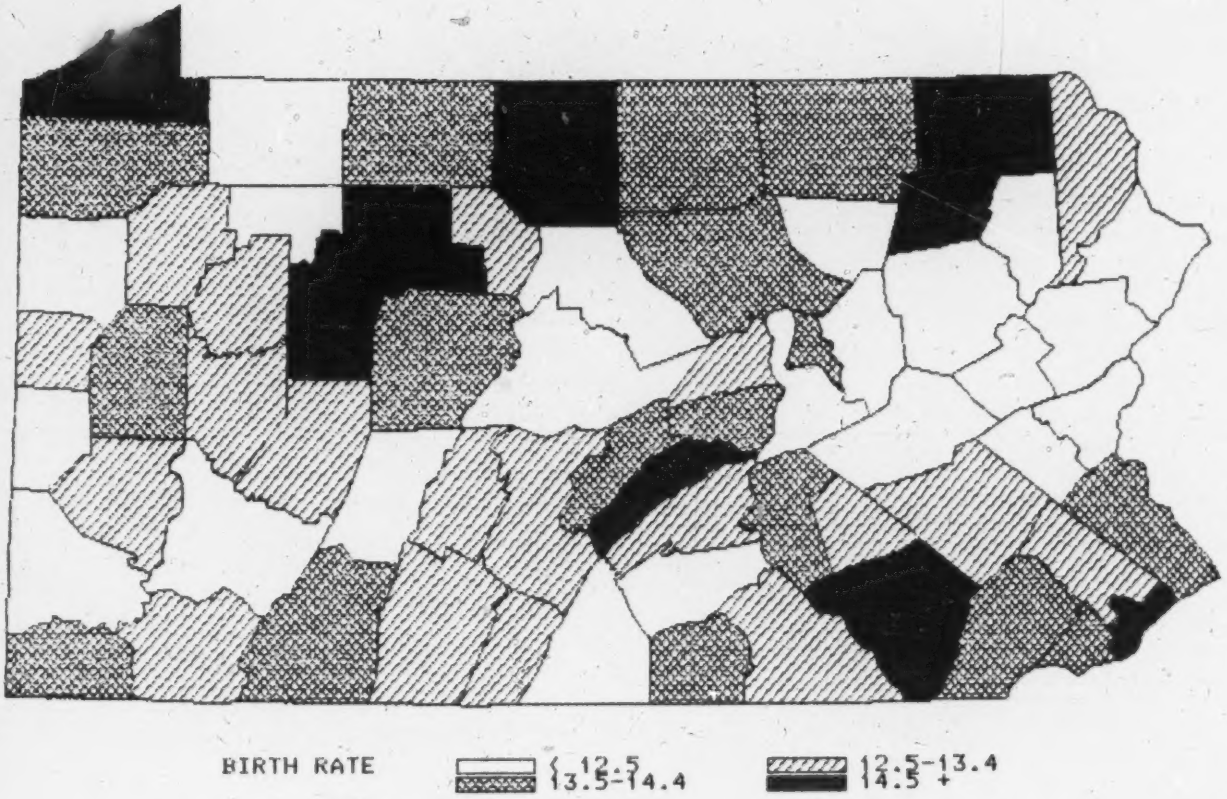
(CONTINUED)

TABLE B-22
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
NUMBER AND RATES: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	BIRTH RATE*	GENERAL FERTILITY RATE**	WHITE			ALL OTHER		
				TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
LANCASTER	5,609	15.4	66.9	5,502	2,834	2,668	307	156	151
LAWRENCE	1,333	12.6	59.0	1,260	622	638	73	43	30
LEBANON	1,413	12.7	57.7	1,383	730	653	30	18	12
LEHIGH	3,415	12.4	54.9	3,236	1,671	1,565	179	101	78
LUZERNE	3,699	10.9	53.9	3,630	1,840	1,790	69	34	35
LYCOMING	1,667	14.2	64.4	1,614	818	796	53	27	26
MCKEAN	683	13.8	67.6	672	358	314	11	5	6
MERCER	1,576	12.4	57.1	1,449	751	698	127	58	69
MIFFLIN	639	13.7	63.9	637	349	288	2	0	2
MONROE	896	12.0	53.3	872	453	419	24	11	13
MONTGOMERY	8,342	12.7	56.6	7,559	3,875	3,684	783	404	379
MONTOUR	243	14.3	63.9	240	122	118	3	1	2
NORTHAMPTON	2,737	11.9	54.3	2,600	1,365	1,235	137	65	72
NORTHUMBERLAND	1,248	12.4	61.5	1,243	646	597	5	4	1
PERRY	491	13.3	58.5	489	263	226	2	2	0
PHILADELPHIA	25,200	15.2	65.3	12,563	6,516	6,047	12,637	6,441	6,196
PIKE	222	11.2	60.0	222	105	117	0	0	0
POTTER	280	15.5	75.7	279	138	141	1	1	0
SCHUYLKILL	1,794	11.4	58.6	1,772	913	859	22	11	11
SNYDER	490	14.0	61.2	485	248	237	5	0	5
SOMERSET	1,109	13.6	65.2	1,103	564	539	6	2	4
SULLIVAN	62	10.0	47.7	62	34	28	0	0	0
SUSQUEHANNA	568	14.8	71.0	566	310	256	2	1	1
TIOGA	547	13.6	58.8	542	281	261	5	2	3
UNION	422	12.6	54.1	421	223	198	1	0	1
VENANGO	864	13.4	60.8	852	436	416	12	6	6
WARREN	580	12.1	57.4	577	300	277	3	0	3
WASHINGTON	2,638	12.1	56.7	2,495	1,283	1,212	143	74	69
WAYNE	492	13.3	68.3	491	258	233	1	1	0
WESTMORELAND	4,484	11.5	52.8	4,312	2,237	2,075	172	76	96
WYOMING	425	15.7	73.3	419	214	205	6	2	4
YORK	4,053	12.8	55.2	3,767	1,907	1,860	286	130	156

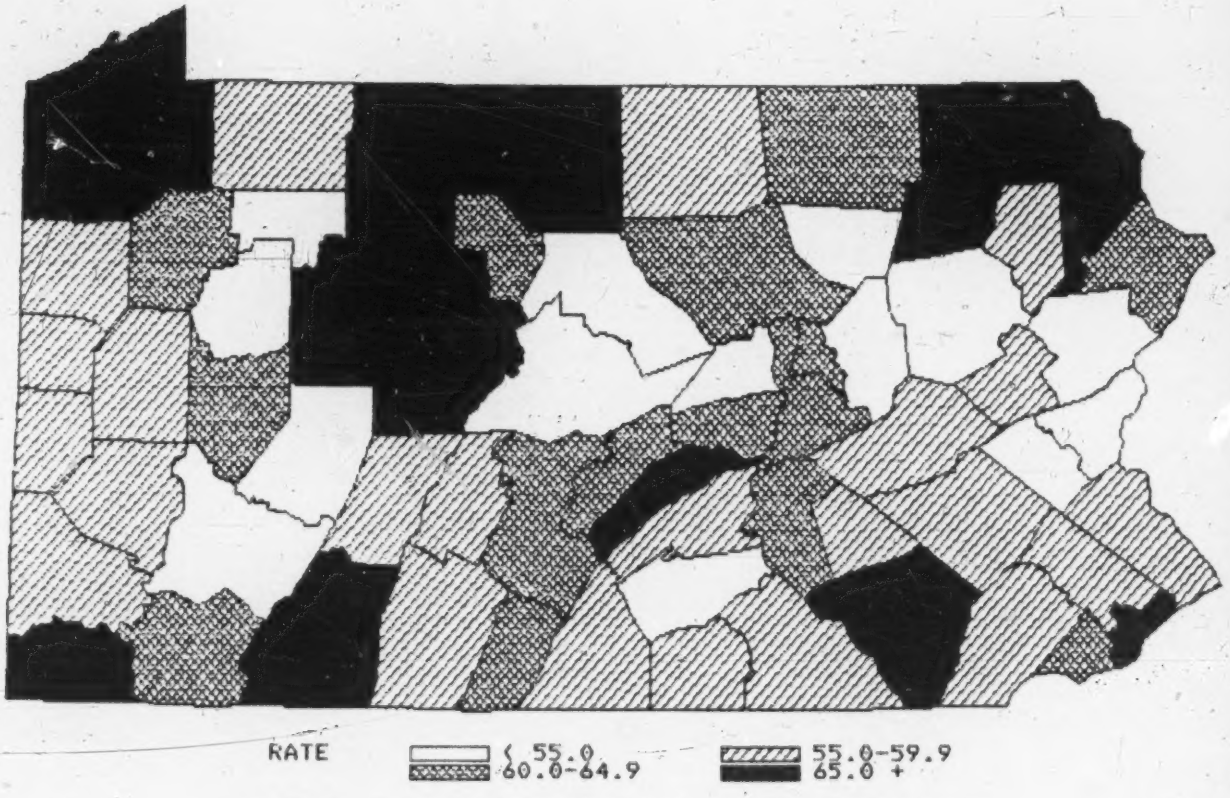
* BIRTH RATE PER 1,000 POPULATION FOR EACH SPECIFIED COUNTY.
** GENERAL FERTILITY RATE: NUMBER OF TOTAL LIVE BIRTHS PER 1,000 FEMALES OF CHILDBEARING AGE (BETWEEN THE AGES OF 15 AND 44 YEARS).
***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

FIGURE B–4
BIRTH RATES BY COUNTY
PENNSYLVANIA, 1983



RATE PER 1,000 POPULATION

FIGURE B–5
GENERAL FERTILITY RATES BY COUNTY
PENNSYLVANIA, 1983



TOTAL LIVE BIRTHS PER 1,000 FEMALES
BETWEEN THE AGES OF 15 AND 44 YEARS

TABLE B-23
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY
PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	UNKNOWN
ALL COUNTIES	157,810	363	19,208	47,625	53,118	28,718	7,632	1,070	42	34
ADAMS	949	1	114	309	341	145	33	6	0	0
ALLEGHENY	17,972	37	1,722	4,682	6,588	3,820	986	118	3	16
ARMSTRONG	1,035	2	139	393	306	162	32	1	0	0
BEAVER	2,423	8	282	818	832	380	92	10	1	0
BEDFORD	602	2	99	226	174	77	17	7	0	0
BERKS	4,092	8	507	1,270	1,388	725	173	20	0	1
BLAIR	1,714	2	257	581	549	251	60	12	2	0
BRADFORD	905	1	155	346	254	111	36	1	1	0
BUCKS	7,031	1	539	1,795	2,628	1,594	423	50	1	0
BUTLER	2,062	2	194	658	722	385	85	15	1	0
CAMBRIA	2,175	4	268	720	729	345	93	12	2	0
CAMERON	89	0	12	36	29	7	4	0	1	0
CARBON	636	0	79	241	206	79	28	3	0	0
CENTRE	1,333	1	149	374	464	281	54	10		0
CHESTER	4,559	7	407	1,079	1,610	1,110	314	32	0	0
CLARION	561	1	69	199	181	88	22	1	0	0
CLEARFIELD	1,141	2	174	438	351	130	44	2	0	0
CLINTON	473	1	73	180	139	61	15	4	0	0
COLUMBIA	757	2	98	277	246	103	29	1	1	0
CRAWFORD	1,289	1	191	475	391	173	44	14	0	0
CUMBERLAND	2,167	2	207	638	754	432	118	15	1	0
DAUPHIN	3,307	9	485	1,017	1,074	562	139	20	1	0
DELAWARE	7,561	18	681	1,931	2,708	1,660	497	65	0	1
ELK	565	1	72	214	163	92	19	4	0	0
ERIE	4,272	10	543	1,303	1,420	756	209	30	1	0
FAYETTE	2,024	9	364	729	595	256	60	11	0	0
FOREST	49	0	7	14	24	2	2	0	0	0
FRANKLIN	1,414	5	184	508	443	208	59	7	0	0
FULTON	176	0	27	70	52	18	6	2	1	0
GREENE	565	2	104	177	188	75	11	8	0	0
HUNTINGDON	545	1	100	205	147	69	17	5	1	0
INDIANA	1,201	3	145	388	401	212	44	7	0	1
JEFFERSON	742	0	113	285	214	101	21	8	0	0
JUNIATA	285	1	41	109	83	34	17	0	0	0
LACKAWANNA	2,720	2	252	795	939	536	176	18	2	0

(CONTINUED)

TABLE B-23
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY
PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	UNKNOWN
LANCASTER	5,809	4	602	1,833	1,977	1,044	285	60	3	1
LAWRENCE	1,333	4	153	450	443	222	56	5	0	0
LEBANON	1,413	0	178	445	478	241	63	7	1	0
LEHIGH	3,415	2	335	913	1,296	703	151	15	0	0
LUZERNE	3,699	0	405	1,086	1,258	703	211	34	1	1
LYCOMING	1,667	3	244	549	531	256	67	16	0	1
MCKEAN	683	1	99	245	206	102	28	2	0	0
MERCER	1,576	4	180	554	506	254	62	16	0	0
MIFFLIN	639	0	74	263	195	80	22	5	0	0
MONROE	896	1	103	237	315	179	50	11	0	0
MONTGOMERY	8,342	5	521	1,971	3,150	2,089	537	67	1	1
MONTOUR	243	0	23	83	81	44	8	3	1	0
NORTHAMPTON	2,737	4	301	783	983	534	122	10	0	0
NORTHUMBERLAND	1,248	2	221	438	390	160	34	3	0	0
PERRY	491	1	65	156	176	71	19	3	0	0
PHILADELPHIA	25,200	164	4,665	7,932	7,346	3,753	1,134	185	11	10
PIKE	222	0	15	73	80	39	12	3	0	0
POTTER	280	0	38	105	78	42	16	1	0	0
SCHUYLKILL	1,794	4	263	579	570	285	81	11	1	0
SNYDER	490	0	66	171	147	83	18	5	0	0
SOMERSET	1,109	3	138	371	380	172	37	7	1	0
SULLIVAN	62	0	5	18	21	17	1	0	0	0
SUSQUEHANNA	568	1	81	194	191	75	23	3	0	0
TIOGA	547	1	94	206	149	74	19	4	0	0
UNION	422	0	47	140	148	63	21	3	0	0
VENANGO	664	0	111	329	277	121	23	3	0	0
WARREN	580	1	73	192	200	89	20	5	0	0
WASHINGTON	2,638	1	255	872	929	446	122	12	1	0
WAYNE	492	0	46	155	188	78	22	3	0	0
WESTMORELAND	4,484	6	444	1,301	1,572	932	206	21	1	1
WYOMING	425	1	64	136	125	71	22	6	0	0
YORK	4,053	4	446	1,365	1,399	656	161	22	0	0

TABLE 8-24
RESIDENT LIVE BIRTHS BY BIRTHWEIGHT AND COUNTY
NUMBER AND PERCENT: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	BIRTHWEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	157,810	1,966	1.2	8,626	5.5	83,378	52.8	60,800	38.5	2,960	1.9	80	0.1
ADAMS	949	14	1.5	37	3.9	491	51.7	375	39.5	32	3.4	0	-
ALLEGHENY	17,972	244	1.4	1,000	5.6	9,512	52.9	6,889	38.3	320	1.8	7	0.0
ARMSTRONG	1,035	12	1.2	51	4.9	527	50.9	428	41.4	17	1.6	0	-
BEAVER	2,423	31	1.3	136	5.6	1,287	53.1	915	37.8	54	2.2	0	-
BEDFORD	602	5	0.8	23	3.8	310	51.5	254	42.2	10	1.7	0	-
BERKS	4,092	32	0.8	184	4.5	2,026	49.5	1,779	43.5	70	1.7	1	0.0
BLAIR	1,714	20	1.2	68	4.0	901	52.6	702	41.0	23	1.3	0	-
BRADFORD	905	14	1.5	39	4.3	456	50.4	380	42.0	16	1.8	0	-
BUCKS	7,031	93	1.3	296	4.2	3,622	51.5	2,885	41.0	130	1.8	5	0.1
BUTLER	2,062	11	0.5	96	4.7	1,065	51.6	852	41.3	37	1.8	1	0.0
CAMBRIA	2,173	21	1.0	110	5.1	1,232	56.7	772	35.5	38	1.7	0	-
CAMERON	89	0	-	5	5.6	43	48.3	38	42.7	3	3.4	0	-
CARBON	636	5	0.8	30	4.7	360	56.6	229	36.0	12	1.9	0	-
CENTRE	1,333	15	1.1	63	4.7	678	50.9	554	41.6	23	1.7	0	-
CHESTER	4,559	57	1.3	189	4.1	2,318	50.8	1,897	41.6	94	2.1	4	0.1
CLARION	561	2	0.4	17	3.0	284	50.6	246	43.9	11	2.0	1	0.2
CLEARFIELD	1,141	14	1.2	52	4.6	597	52.3	455	39.9	23	2.0	0	-
CLINTON	473	4	0.8	26	5.5	233	49.3	204	43.1	6	1.3	0	-
COLUMBIA	757	5	0.7	41	5.4	397	52.4	305	40.3	9	1.2	0	-
CRAWFORD	1,289	8	0.6	55	4.3	666	51.7	532	41.3	28	2.2	0	-
CUMBERLAND	2,167	28	1.3	96	4.4	1,065	49.1	926	42.7	50	2.3	2	0.1
DAUPHIN	3,307	43	1.3	204	6.2	1,740	52.6	1,266	38.3	53	1.6	1	0.0
DELAWARE	7,561	87	1.2	406	5.4	3,865	51.1	3,043	40.2	158	2.1	2	0.0
ELK	565	9	1.6	20	3.5	317	56.1	214	37.9	5	0.9	0	-
ERIE	4,272	47	1.1	217	5.1	2,224	52.1	1,678	39.3	103	2.4	3	0.1
FAYETTE	2,024	12	0.6	115	5.7	1,087	53.7	768	37.9	41	2.0	1	0.0
FOREST	49	1	2.0	2	4.1	27	55.1	18	36.7	1	2.0	0	-
FRANKLIN	1,414	20	1.4	58	4.1	683	48.3	621	43.9	32	2.3	0	-
FULTON	176	0	-	3	1.7	93	52.8	80	45.5	0	-	0	-
GREENE	565	6	1.1	21	3.7	289	51.2	239	42.3	10	1.8	0	-
HUNTINGDON	545	2	0.4	25	4.6	300	55.0	202	37.1	16	2.9	0	-
INDIANA	1,201	8	0.7	50	4.2	633	52.7	489	40.7	21	1.7	0	-
JEFFERSON	742	3	0.4	45	6.1	397	53.5	282	38.0	15	2.0	0	-
JUNIATA	265	1	0.4	8	2.6	137	48.1	131	46.0	8	2.8	0	-
LACKAWANNA	2,720	24	0.9	134	4.9	1,371	50.4	1,140	41.9	49	1.8	2	0.1

(CONTINUED)

TABLE B-24
RESIDENT LIVE BIRTHS BY BIRTHWEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	BIRTHWEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,809	66	1.1	257	4.4	2,860	49.2	2,483	42.7	140	2.4	3	0.1
LAWRENCE	1,333	6	0.5	68	5.1	697	52.3	542	40.7	20	1.5	0	-
LEBANON	1,413	13	0.9	55	3.9	732	51.8	577	40.8	36	2.5	0	-
LEHIGH	3,415	31	0.9	156	4.6	1,795	52.6	1,364	39.9	67	2.0	2	0.1
LUZERNE	5,699	32	0.9	179	4.8	1,917	51.8	1,509	40.8	62	1.7	0	-
LYCOMING	1,667	19	1.1	91	5.5	836	50.1	691	41.5	28	1.7	2	0.1
MCKEAN	663	5	0.7	40	5.9	353	51.7	255	37.3	29	4.2	1	0.1
MERCER	1,576	8	0.5	78	4.9	799	50.7	646	41.0	44	2.8	1	0.1
MIFFLIN	639	6	0.9	28	4.4	333	52.1	255	39.9	17	2.7	0	-
MONROE	896	7	0.8	54	6.0	467	52.1	335	37.4	27	3.0	6	0.7
MONTGOMERY	8,342	109	1.3	388	4.7	4,204	50.4	3,435	41.2	203	2.4	3	0.0
MONTOUR	245	3	1.2	9	3.7	126	51.9	100	41.2	5	2.1	0	-
NORTHAMPTON	2,737	29	1.1	132	4.8	1,440	52.6	1,087	39.7	48	1.8	1	0.0
NORTHUMBERLAND	1,248	12	1.0	67	5.4	702	56.3	450	36.1	16	1.3	1	0.1
PERRY	491	5	1.0	28	5.7	258	52.5	191	38.9	9	1.8	0	-
PHILADELPHIA	25,200	521	2.1	2,154	8.5	14,754	58.5	7,440	29.5	313	1.2	18	0.1
PIKE	222	0	-	8	3.6	123	55.4	86	38.7	3	1.4	2	0.9
POTTER	280	1	0.4	10	3.6	153	54.6	107	38.2	9	3.2	0	-
SCHUYLKILL	1,794	16	0.9	83	4.6	985	54.9	676	37.7	34	1.9	0	-
SNYDER	490	4	0.8	20	4.1	248	50.6	201	41.0	16	3.3	1	0.2
SOMERSET	1,109	8	0.7	73	6.6	619	55.8	394	35.5	15	1.4	0	-
SULLIVAN	62	0	-	1	1.6	27	43.5	34	54.8	0	-	0	-
SUSQUEHANNA	568	7	1.2	28	4.9	305	53.7	211	37.1	17	3.0	0	-
TIOGA	547	8	1.5	21	3.8	278	50.8	227	41.5	13	2.4	0	-
UNION	422	4	0.9	20	4.7	215	50.9	176	41.7	7	1.7	0	-
VENANGO	864	7	0.8	47	5.4	425	49.2	364	42.1	20	2.3	1	0.1
WARREN	580	4	0.7	30	5.2	268	46.2	263	45.3	15	2.6	0	-
WASHINGTON	2,638	36	1.4	127	4.8	1,352	51.3	1,073	40.7	48	1.8	2	0.1
WAYNE	492	6	1.2	21	4.3	249	50.6	198	40.2	17	3.5	1	0.2
WESTMORELAND	4,484	48	1.1	206	4.6	2,364	52.7	1,788	39.9	74	1.7	4	0.1
WYOMING	425	5	1.2	24	5.6	223	52.5	166	39.1	6	1.4	1	0.2
YORK	4,053	42	1.0	201	5.0	2,038	50.3	1,688	41.6	84	2.1	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

NOTE: LOW BIRTHWEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-25
RESIDENT LIVE BIRTHS BY NUMBER OF PREVIOUS PREGNANCIES AND COUNTY
NUMBER AND PERCENT: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	NUMBER OF PREVIOUS PREGNANCIES											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	157,810	56,471	35.8	48,488	30.7	27,222	17.2	12,427	7.9	10,146	6.4	3,056	1.9
ADAMS	949	309	32.6	316	33.3	190	20.0	75	7.9	40	4.2	19	2.0
ALLEGHENY	17,972	6,854	38.1	5,747	32.0	3,034	16.9	1,250	7.0	829	4.6	258	1.4
ARMSTRONG	1,035	414	40.0	358	34.6	158	15.3	69	6.7	35	3.4	1	0.1
BEAVER	2,423	867	35.8	796	32.9	433	17.9	178	7.3	126	5.2	23	0.9
BEDFORD	602	208	34.6	185	30.7	75	12.5	39	6.5	29	4.8	66	11.0
BERKS	4,092	1,425	34.8	1,334	32.6	715	17.5	332	8.1	278	6.8	10	0.2
BLAIR	1,714	661	38.6	561	32.7	277	16.2	117	6.8	91	5.3	7	0.4
BRADFORD	905	313	34.6	252	27.8	149	16.5	57	6.3	46	5.1	88	9.7
BUCKS	7,031	2,212	31.5	2,137	30.4	1,302	18.5	575	8.2	403	5.7	402	5.7
BUTLER	2,062	784	38.0	687	33.3	357	17.3	138	6.7	87	4.2	9	0.4
CAMBRIA	2,173	816	37.6	666	30.6	390	17.9	179	8.2	116	5.3	6	0.3
CAMERON	89	26	29.2	27	30.3	18	20.2	8	9.0	10	11.2	0	-
CARBON	636	248	39.0	192	30.2	126	19.8	39	6.1	30	4.7	1	0.2
CENTRE	1,333	491	36.8	457	34.3	226	17.0	101	7.6	56	4.2	2	0.2
CHESTER	4,559	1,506	33.0	1,368	30.0	777	17.0	390	8.6	277	6.1	241	5.3
CLARION	561	197	35.1	177	31.6	106	18.9	47	8.4	33	5.9	1	0.2
CLEARFIELD	1,141	461	40.4	350	30.7	191	16.7	73	6.4	63	5.5	3	0.3
CLINTON	473	163	34.5	145	30.7	97	20.5	36	7.6	32	6.8	0	-
COLUMBIA	757	274	36.2	238	31.4	151	19.9	47	6.2	45	5.9	2	0.3
CRAWFORD	1,289	474	36.8	394	30.6	217	16.8	110	8.5	89	6.9	5	0.4
CUMBERLAND	2,167	895	41.3	668	30.8	334	15.4	151	7.0	116	5.4	3	0.1
DAUPHIN	3,307	1,418	42.9	937	28.3	534	16.1	226	6.8	185	5.6	7	0.2
DELAWARE	7,561	2,746	36.3	2,328	30.8	1,363	18.0	611	8.1	463	6.1	48	0.6
ELK	565	225	39.8	168	29.7	90	15.9	47	8.3	34	6.0	1	0.2
ERIE	4,272	1,548	36.2	1,267	29.7	718	16.8	369	8.6	332	7.8	38	0.9
FAYETTE	2,024	686	33.9	607	30.0	329	16.3	159	7.9	102	5.0	141	7.0
FOREST	49	16	32.7	18	36.7	10	20.4	4	8.2	1	2.0	0	-
FRANKLIN	1,414	500	35.4	386	27.3	214	15.1	98	6.9	99	7.0	117	8.3
FULTON	176	59	33.5	58	33.0	24	13.6	17	9.7	11	6.3	7	4.0
GREENE	565	139	24.6	118	20.9	73	12.9	23	4.1	20	3.5	192	34.0
HUNTINGDON	545	232	42.6	154	28.3	84	15.4	43	7.9	31	5.7	1	0.2
INDIANA	1,201	404	33.6	400	33.3	212	17.7	96	8.0	85	7.1	4	0.3
JEFFERSON	742	267	36.0	240	32.3	138	18.6	58	7.8	39	5.3	0	-
JUNIATA	265	115	40.4	76	26.7	57	20.0	25	8.8	12	4.2	0	-
LACKAWANNA	2,720	1,007	37.0	850	31.3	469	17.2	201	7.4	189	6.9	4	0.1

(CONTINUED)

TABLE B-25
RESIDENT LIVE BIRTHS BY NUMBER OF PREVIOUS PREGNANCIES AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	NUMBER OF PREVIOUS PREGNANCIES											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,809	2,000	34.4	1,676	28.9	951	16.4	504	8.7	664	11.4	14	0.2
LAWRENCE	1,333	493	37.0	429	32.2	216	16.2	68	5.1	39	2.9	88	6.6
LEBANON	1,413	517	36.6	433	30.6	256	18.1	99	7.0	104	7.4	4	0.3
LEHIGH	3,415	1,238	36.3	1,126	33.0	587	17.2	268	7.8	177	5.2	19	0.6
LUZERNE	3,699	1,396	37.8	1,188	32.1	616	16.7	274	7.4	213	5.8	10	0.3
LYCOMING	1,667	549	32.9	542	32.5	309	18.5	155	9.3	103	6.2	9	0.5
MCKEAN	683	181	26.5	181	26.5	117	17.1	59	8.6	30	4.4	115	16.8
MERCER	1,576	558	35.4	497	31.5	273	17.3	123	7.8	87	5.5	38	2.4
MIFFLIN	639	205	31.8	201	31.5	111	17.4	58	9.1	64	10.0	2	0.3
MONROE	896	293	32.7	290	32.4	150	16.7	80	8.9	48	5.4	35	3.9
MONTGOMERY	8,342	2,907	34.8	2,734	32.8	1,518	18.2	654	7.8	493	5.9	36	0.4
MONTOUR	243	86	35.4	85	35.0	43	17.7	13	5.3	14	5.8	2	0.8
NORTHAMPTON	2,737	1,028	37.6	866	31.6	474	17.3	193	7.1	128	4.7	48	1.8
NORTHUMBERLAND	1,245	499	40.0	395	31.7	207	16.6	90	7.2	57	4.6	0	-
PERRY	491	183	37.3	162	33.0	75	15.3	38	7.7	33	6.7	0	-
PHILADELPHIA	25,200	8,604	34.1	7,059	28.0	4,431	17.6	2,429	9.6	2,542	10.1	135	0.5
PIKE	222	47	21.2	24	10.8	17	7.7	14	6.3	11	5.0	109	49.1
POTTER	280	84	30.0	88	31.4	46	16.4	19	6.8	19	6.8	24	8.6
SCHUYLKILL	1,794	660	36.8	578	32.2	308	17.2	148	8.2	99	5.5	1	0.1
SNYDER	490	171	34.9	147	30.0	84	17.1	40	8.2	48	9.8	0	-
SOMERSET	1,109	382	34.4	334	30.1	221	19.9	83	7.5	54	4.9	35	3.2
SULLIVAN	62	21	33.9	19	30.6	15	24.2	3	4.8	4	6.5	0	-
SUSQUEHANNA	568	119	21.0	121	21.3	82	14.4	39	6.9	36	6.3	171	30.1
TIOGA	547	164	30.0	150	27.4	78	14.3	26	4.8	27	4.9	102	18.6
UNION	422	154	36.5	139	32.9	60	14.2	35	8.3	34	8.1	0	-
VENANGO	864	311	36.0	274	31.7	168	19.4	67	7.8	41	4.7	3	0.3
WARREN	580	186	32.1	127	21.9	90	15.5	39	6.7	35	6.0	103	17.8
WASHINGTON	2,638	995	37.7	856	32.4	439	16.6	161	6.1	95	3.6	92	3.5
WAYNE	492	161	32.7	158	32.1	84	17.1	46	9.3	27	5.5	16	3.3
WESTMORELAND	4,464	1,709	38.1	1,511	33.7	778	17.4	306	6.8	170	3.8	10	0.2
WYOMING	425	156	36.7	117	27.5	72	16.9	42	9.9	32	7.5	6	1.4
YORK	4,053	1,454	35.9	1,319	32.5	708	17.5	266	6.6	184	4.5	122	3.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-26
RESIDENT LIVE BIRTHS BY NUMBER OF PREVIOUS LIVE BIRTHS AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	NUMBER OF PREVIOUS LIVE BIRTHS											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	157,810	69,040	43.7	52,137	33.0	23,107	14.6	8,104	5.1	5,032	3.2	390	0.2
ADAMS	949	390	41.1	353	37.2	142	15.0	45	4.7	19	2.0	0	-
ALLEGHENY	17,972	8,162	45.4	5,981	33.3	2,489	13.8	735	4.1	375	2.1	232	1.3
ARMSTRONG	1,035	467	45.1	376	36.3	140	13.5	38	3.7	14	1.4	0	-
BEAVER	2,423	1,068	44.1	829	34.2	352	14.5	121	5.0	48	2.0	5	0.2
BEDFORD	602	259	43.0	220	36.5	79	13.1	25	4.2	19	3.2	0	-
BERKS	4,092	1,764	43.1	1,453	35.5	544	13.3	192	4.7	138	3.4	1	0.0
BLAIR	1,714	744	43.4	590	34.4	241	14.1	90	5.3	46	2.8	1	0.1
BRADFORD	905	402	44.4	290	32.0	136	15.0	40	4.4	35	3.9	2	0.2
BUCKS	7,031	3,022	43.0	2,387	33.9	1,121	15.9	334	4.8	153	2.2	14	0.2
BUTLER	2,062	897	43.5	719	34.9	306	14.8	92	4.5	41	2.0	7	0.3
CAMBRIA	2,173	911	41.9	730	33.6	349	16.1	124	5.7	58	2.7	1	0.0
CAMERON	89	31	34.8	30	33.7	14	15.7	9	10.1	5	5.6	0	-
CARBON	636	293	46.1	210	33.0	91	14.3	34	5.3	8	1.3	0	-
CENTRE	1,333	625	46.9	452	33.9	175	13.1	55	4.1	26	2.0	0	-
CHESTER	4,559	1,985	43.5	1,482	32.5	700	15.4	253	5.5	135	3.0	4	0.1
CLARION	561	230	41.0	193	34.4	93	16.6	29	5.2	16	2.9	0	-
CLEARFIELD	1,141	509	44.6	379	33.2	165	14.5	62	5.4	25	2.2	1	0.1
CLINTON	473	194	41.0	157	33.2	69	14.6	27	5.7	26	5.5	0	-
COLUMBIA	757	332	43.9	253	33.4	120	15.9	33	4.4	19	2.5	0	-
CRAWFORD	1,289	550	42.7	419	32.5	191	14.8	78	6.1	51	4.0	0	-
CUMBERLAND	2,167	1,101	50.8	674	31.1	251	11.6	87	4.0	53	2.4	1	0.0
DAUPHIN	3,307	1,744	52.7	956	28.9	407	12.3	128	3.9	70	2.1	2	0.1
DELAWARE	7,561	3,322	43.9	2,456	32.5	1,165	15.4	404	5.3	209	2.8	5	0.1
ELK	565	241	42.7	189	33.5	81	14.3	36	6.4	18	3.2	0	-
ERIE	4,272	1,770	41.4	1,349	31.6	666	15.6	311	7.3	173	4.0	3	0.1
FAYETTE	2,024	875	43.2	700	34.6	282	13.9	111	5.5	54	2.7	2	0.1
FOREST	49	18	36.7	22	44.9	7	14.3	2	4.1	0	-	0	-
FRANKLIN	1,414	645	45.6	460	32.5	187	13.2	65	4.6	56	4.0	1	0.1
FULTON	176	68	38.6	64	36.4	28	15.9	11	6.3	5	2.8	0	-
GREENE	565	244	43.2	204	36.1	88	15.6	13	2.3	16	2.8	0	-
HUNTINGDON	545	262	48.1	169	31.0	72	13.2	26	4.8	16	2.9	0	-
INDIANA	1,201	474	39.5	418	34.8	192	16.0	69	5.7	47	3.9	1	0.1
JEFFERSON	742	296	39.9	256	34.5	130	17.5	42	5.7	18	2.4	0	-
JUNIATA	285	135	47.4	81	28.4	52	18.2	10	3.5	7	2.5	0	-
LACKAWANNA	2,720	1,145	42.1	889	32.7	425	15.6	149	5.5	110	4.0	2	0.1

(CONTINUED)

TABLE B-26
RESIDENT LIVE BIRTHS BY NUMBER OF PREVIOUS LIVE BIRTHS AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	NUMBER OF PREVIOUS LIVE BIRTHS											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,809	2,329	40.1	1,778	30.6	882	15.2	365	6.3	451	7.8	4	0.1
LAWRENCE	1,333	548	41.1	472	35.4	216	16.2	57	4.3	37	2.8	3	0.2
LEBANON	1,413	625	44.2	482	34.1	176	12.5	75	5.3	55	3.9	0	-
LEHIGH	3,415	1,562	45.7	1,204	35.3	417	12.2	154	4.5	64	1.9	14	0.4
LUZERNE	3,699	1,622	43.8	1,239	33.5	521	14.1	196	5.3	118	3.2	3	0.1
LYCOMING	1,667	672	40.3	571	34.3	273	16.4	87	5.2	59	3.5	5	0.3
MCKEAN	683	274	40.1	229	33.5	124	18.2	41	6.0	15	2.2	0	-
MERCER	1,576	667	42.3	547	34.7	235	14.9	80	5.1	46	2.9	1	0.1
MIFFLIN	639	237	37.1	205	32.1	99	15.5	50	7.8	47	7.4	1	0.2
MONROE	896	381	42.5	323	36.0	126	14.1	43	4.8	20	2.2	3	0.3
MONTGOMERY	8,342	3,657	43.8	2,891	34.7	1,203	14.4	380	4.6	199	2.4	12	0.1
MONTOUR	243	96	39.5	90	37.0	40	16.5	9	3.7	7	2.9	1	0.4
NORTHAMPTON	2,757	1,229	44.7	960	35.1	384	14.0	115	4.2	49	1.8	6	0.2
NORTHUMBERLAND	1,248	580	46.5	405	32.5	168	13.5	67	5.4	28	2.2	0	-
PERRY	491	213	43.4	173	35.2	58	11.8	26	5.3	21	4.3	0	-
PHILADELPHIA	25,200	10,882	43.2	7,602	30.2	3,826	15.2	1,634	6.5	1,220	4.8	36	0.1
PIKE	222	90	40.5	73	32.9	39	17.6	10	4.5	7	3.2	3	1.4
POTTER	280	103	36.8	102	36.4	48	17.1	15	5.4	12	4.3	0	-
SCHUYLKILL	1,794	766	42.6	615	34.3	268	14.9	88	4.9	55	3.1	0	-
SNYDER	490	193	39.4	171	34.9	64	13.1	31	6.3	31	6.3	0	-
SOMERSET	1,109	452	40.8	359	32.4	204	18.4	56	5.0	38	3.4	0	-
SULLIVAN	62	28	45.2	18	29.0	11	17.7	2	3.2	3	4.8	0	-
SUSQUEHANNA	568	219	38.6	196	34.5	88	15.5	35	6.2	29	5.1	1	0.2
TIOGA	547	228	41.7	197	36.0	77	14.1	24	4.4	17	3.1	4	0.7
UNION	422	189	44.8	134	31.8	53	12.6	28	6.6	18	4.3	0	-
VENANGO	864	359	41.6	302	35.0	143	16.6	41	4.7	19	2.2	0	-
WARREN	580	249	42.9	182	31.4	88	15.2	32	5.5	28	4.8	1	0.2
WASHINGTON	2,638	1,174	44.5	931	35.3	393	14.9	98	3.7	39	1.5	3	0.1
WAYNE	492	194	39.4	174	35.4	66	13.4	39	7.9	18	3.7	1	0.2
WESTMORELAND	4,484	1,992	44.4	1,599	35.7	644	14.4	176	3.9	73	1.6	0	-
WYOMING	425	181	42.6	125	29.4	72	16.9	27	6.4	19	4.5	1	0.2
YORK	4,053	1,878	46.3	1,398	34.5	551	13.6	143	3.5	81	2.0	2	0.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-27
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	157,810	4,358	2.8	23,390	14.8	78,683	49.9	24,440	15.5	25,816	16.4	1,123	0.7
ADAMS	949	40	4.2	143	15.1	515	54.1	107	11.3	145	15.3	1	0.1
ALLEGHENY	17,972	180	1.0	1,872	10.4	9,027	50.2	2,979	16.6	3,817	21.2	97	0.5
ARMSTRONG	1,035	17	1.6	163	15.7	628	60.7	127	12.3	100	9.7	0	-
BEAVER	2,423	33	1.4	335	13.8	1,278	52.7	458	18.9	306	12.6	13	0.5
BEDFORD	602	25	4.2	95	15.8	382	63.5	48	8.0	51	8.5	1	0.2
BERKS	4,092	167	4.1	731	17.9	1,997	48.8	588	14.4	599	14.6	10	0.2
BLAIR	1,714	30	1.8	280	16.3	971	56.7	256	14.9	174	10.2	3	0.2
BRADFORD	905	24	2.7	173	19.1	446	49.3	156	17.2	101	11.2	5	0.6
BUCKS	7,031	49	0.7	575	8.2	3,449	49.1	1,472	20.9	1,435	20.4	51	0.7
BUTLER	2,062	10	0.5	231	11.2	1,153	55.9	339	16.4	328	15.9	1	0.0
CAMBRIA	2,173	39	1.8	274	12.6	1,301	59.9	323	14.9	235	10.8	1	0.0
CAMERON	89	1	1.1	16	18.0	54	60.7	11	12.4	7	7.9	0	-
CARBON	636	15	2.4	118	18.6	349	54.9	103	16.2	51	8.0	0	-
CENTRE	1,333	32	2.4	136	10.2	585	43.9	170	12.8	410	30.8	0	-
CHESTER	4,559	136	3.0	423	9.3	1,869	41.0	781	17.1	1,270	27.9	80	1.8
CLARION	561	16	3.2	80	14.3	307	54.7	80	14.3	74	13.2	2	0.4
CLEARFIELD	1,141	17	1.5	186	16.3	664	59.9	137	12.0	114	10.0	3	0.3
CLINTON	473	20	4.2	90	19.0	256	54.1	48	10.1	57	12.1	2	0.4
COLUMBIA	757	17	2.2	113	14.9	412	54.4	122	16.1	92	12.2	1	0.1
CRAWFORD	1,289	89	6.9	202	15.7	678	52.6	167	13.0	153	11.9	0	-
CUMBERLAND	2,167	46	2.1	233	10.8	1,072	49.5	370	17.1	442	20.4	4	0.2
DAUPHIN	3,307	65	2.0	524	15.8	1,560	47.2	532	16.1	520	15.7	66	2.0
DELAWARE	7,561	67	1.2	734	9.7	3,730	49.3	1,283	17.0	1,681	22.2	46	0.6
ELK	565	6	1.1	56	9.9	354	62.7	91	16.1	56	9.9	2	0.4
ERIE	4,272	74	1.7	683	16.0	2,278	53.3	607	14.2	625	14.6	5	0.1
FAYETTE	2,024	72	3.6	461	22.8	1,100	54.3	224	11.1	165	8.2	2	0.1
FOREST	49	2	4.1	8	16.3	30	61.2	1	2.0	8	16.3	0	-
FRANKLIN	1,414	51	3.6	276	19.5	748	52.9	182	12.9	154	10.9	3	0.2
FULTON	176	0	-	35	19.9	105	59.7	19	10.8	16	9.1	1	0.6
GREENE	565	16	3.2	128	22.7	294	52.0	67	11.9	56	9.9	2	0.4
HUNTINGDON	545	12	2.2	102	18.7	302	55.4	74	13.6	55	10.1	0	-
INDIANA	1,201	63	5.2	159	13.2	642	53.5	142	11.8	191	15.9	4	0.3
JEFFERSON	742	12	1.6	129	17.4	451	60.8	88	11.9	61	8.2	1	0.1
JUNIATA	285	19	6.7	47	16.5	171	60.0	25	8.8	23	8.1	0	-
LACKAWANNA	2,720	40	1.5	361	13.3	1,392	51.2	474	17.4	450	16.5	3	0.1

(CONTINUED)

TABLE B-27
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,809	938	16.1	913	15.7	2,462	42.4	700	12.1	790	13.6	6	0.1
LAWRENCE	1,333	63	4.7	182	13.7	735	55.1	192	14.4	151	11.3	10	0.8
LEBANON	1,413	85	6.0	232	16.4	756	53.5	187	13.2	152	10.8	1	0.1
LEHIGH	5,415	94	1.6	413	12.1	1,586	46.4	624	18.3	714	20.9	24	0.7
LUZERNE	3,699	64	1.7	464	12.5	1,904	51.5	701	19.0	565	15.3	1	0.0
LYCOMING	1,667	48	2.9	306	18.5	818	49.1	282	16.9	210	12.6	1	0.1
MCKEAN	683	17	2.5	110	16.1	365	53.4	104	15.2	79	11.6	8	1.2
MERCER	1,576	64	4.1	236	15.1	812	51.5	232	14.7	226	14.3	4	0.3
MIFFLIN	639	95	14.9	109	17.1	316	49.5	61	9.5	54	8.5	4	0.6
MONROE	896	12	1.3	128	14.3	424	47.3	164	18.3	159	17.7	9	1.0
MONTGOMERY	8,342	62	0.7	632	7.6	3,460	41.5	1,573	18.9	2,558	30.7	57	0.7
MONTOUR	243	17	7.0	29	11.9	100	41.2	46	18.9	51	21.0	0	-
NORTHAMPTON	2,757	66	2.5	389	14.2	1,315	48.0	467	17.1	471	17.2	27	1.0
NORTHUMBERLAND	1,248	26	2.1	202	16.2	736	59.0	163	13.1	121	9.7	0	-
PERRY	491	12	2.4	84	17.1	280	57.0	60	12.2	55	11.2	0	-
PHILADELPHIA	25,200	786	3.1	6,236	24.7	11,515	45.7	3,313	13.1	2,828	11.2	522	2.1
PIKE	222	1	0.5	23	10.4	118	53.2	45	20.3	33	14.9	2	0.9
POTTER	280	2	0.7	50	17.9	154	55.0	36	12.9	35	12.5	3	1.1
SCHUYLKILL	1,794	36	2.0	271	15.1	1,038	57.9	274	15.3	175	9.8	0	-
SNYDER	490	79	16.1	86	17.6	223	45.5	45	9.2	57	11.6	0	-
SOMERSET	1,109	31	2.8	160	14.4	646	58.3	154	13.9	118	10.6	0	-
SULLIVAN	62	0	-	13	21.0	29	46.8	11	17.7	9	14.5	0	-
SUSQUEHANNA	568	14	2.5	96	16.9	330	58.1	72	12.7	54	9.5	2	0.4
TIOGA	547	9	1.6	106	19.7	261	47.7	104	19.0	61	11.2	4	0.7
UNION	422	48	11.4	53	12.6	193	45.7	61	14.5	67	15.9	0	-
VENANGO	864	19	2.2	113	13.1	518	60.0	122	14.1	91	10.5	1	0.1
WARREN	580	17	2.9	64	11.0	329	56.7	100	17.2	68	11.7	2	0.3
WASHINGTON	2,636	25	0.9	373	14.1	1,371	52.0	441	16.7	425	16.1	3	0.1
WAYNE	492	8	1.6	57	11.6	283	57.5	85	16.9	60	12.2	1	0.2
WESTMORELAND	4,484	40	0.9	415	9.3	2,577	57.5	720	16.1	723	16.1	9	0.2
WYOMING	425	5	1.2	58	13.6	240	56.5	69	16.2	52	12.2	1	0.2
YORK	4,053	67	1.7	609	15.0	2,201	54.3	583	14.4	582	14.4	11	0.3

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-28
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY:
NUMBER AND PERCENT: PENNSYLVANIA, 1963

COUNTY	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	PERCENT*	NUMBER	PERCENT**	NUMBER	PERCENT**	NUMBER	PERCENT*	NUMBER	PERCENT***	NUMBER	PERCENT***
ALL COUNTIES	157,810	124,782	79.1	7,759	6.2	117,012	93.8	31,684	20.1	11,715	37.0	19,964	63.0
ADAMS	949	794	83.7	62	7.8	732	92.2	142	15.0	53	37.3	89	62.7
ALLEGHENY	17,972	14,493	80.6	541	3.7	13,950	96.3	3,460	19.3	1,215	35.1	2,237	64.7
ARMSTRONG	1,035	907	87.6	91	10.0	816	90.0	128	12.4	50	39.1	78	60.9
BEAVER	2,423	2,006	82.9	131	6.5	1,877	93.5	405	16.7	157	38.8	248	61.2
BEDFORD	602	471	78.2	66	14.0	405	86.0	63	10.5	27	42.9	36	57.1
BERKS	4,092	3,305	80.9	202	6.1	3,107	93.9	780	19.1	312	40.0	467	59.9
BLAIR	1,714	1,407	82.1	137	9.7	1,270	90.3	307	17.9	122	39.7	185	60.3
BRADFORD	905	681	75.2	86	12.6	595	87.4	138	15.2	57	41.3	81	58.7
BUCKS	7,031	6,171	87.8	237	3.8	5,934	96.2	851	12.1	303	35.6	548	64.4
BUTLER	2,062	1,869	90.6	115	6.2	1,754	93.8	192	9.3	81	42.2	111	57.8
CAMBRIA	2,173	1,881	86.6	155	8.2	1,726	91.8	290	13.3	117	40.3	173	59.7
CAMERON	89	78	87.6	5	6.4	73	93.6	11	12.4	7	63.6	4	36.4
CARBON	636	529	83.2	32	6.0	497	94.0	107	16.8	47	43.9	60	56.1
CENTRE	1,333	1,196	89.9	93	7.8	1,105	92.2	133	10.0	57	42.9	76	57.1
CHESTER	4,559	3,869	84.9	168	4.3	3,701	95.7	672	14.7	248	36.9	424	63.7
CLARION	561	508	90.6	49	9.6	459	90.4	53	9.4	21	39.6	32	60.4
CLEARFIELD	1,141	1,006	88.2	123	12.2	883	87.8	133	11.7	53	39.8	80	60.2
CLINTON	473	390	82.5	46	11.8	344	88.2	83	17.5	28	33.7	55	66.3
COLUMBIA	757	672	88.8	66	9.8	606	90.2	84	11.1	33	39.3	51	60.7
CRAWFORD	1,289	1,107	85.9	110	9.9	997	90.1	180	14.0	82	45.6	98	54.4
CUMBERLAND	2,167	1,912	88.2	111	5.8	1,801	94.2	255	11.8	98	38.4	157	61.6
DAUPHIN	3,307	2,415	73.0	143	5.9	2,270	94.1	892	27.0	351	39.3	541	60.7
DELAWARE	7,561	6,264	82.8	210	3.4	6,053	96.6	1,294	17.1	489	37.8	805	62.2
ELK	565	504	89.2	38	7.5	466	92.5	61	10.8	35	57.4	26	42.6
ERIE	4,272	3,369	78.9	206	6.1	3,163	93.9	869	20.3	343	39.5	526	60.5
FAYETTE	2,024	1,637	80.9	208	12.7	1,429	87.3	385	19.0	165	42.9	220	57.1
FOREST	49	41	83.7	4	9.8	37	90.2	8	16.3	3	37.5	5	62.5
FRANKLIN	1,414	1,129	79.8	120	10.6	1,009	89.4	172	12.2	63	36.6	109	63.4
FULTON	176	155	88.1	24	15.5	131	84.5	15	8.5	3	20.0	12	80.0
GREENE	565	486	86.0	75	15.4	411	84.6	78	13.8	31	39.7	47	60.3
HUNTINGDON	545	442	81.1	60	13.6	382	86.4	103	18.9	41	39.8	62	60.2
INDIANA	1,201	1,098	91.4	96	8.7	1,001	91.2	101	8.4	52	51.5	49	48.5
JEFFERSON	742	646	87.1	76	11.8	570	88.2	96	12.9	37	38.5	59	61.5
JUNIATA	285	248	87.0	24	9.7	224	90.3	37	13.0	18	48.6	19	51.4
LACKAWANNA	2,720	2,376	87.4	125	5.3	2,251	94.7	342	12.6	129	37.7	213	62.3

(CONTINUED)

TABLE B-28
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY
NUMBER AND PERCENT: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	PERCENT*	NUMBER	PERCENT**	NUMBER	PERCENT**	NUMBER	PERCENT*	NUMBER	PERCENT***	NUMBER	PERCENT***
LANCASTER	5,809	4,995	86.0	294	5.9	4,700	94.1	811	14.0	311	38.3	500	61.7
LAWRENCE	1,333	1,093	82.0	90	8.2	1,003	91.8	167	12.5	62	37.1	105	62.9
LEBANON	1,413	1,205	85.3	88	7.3	1,117	92.7	208	14.7	90	43.3	118	56.7
LEHIGH	3,415	2,890	84.6	134	4.6	2,756	95.4	523	15.3	203	38.8	320	61.2
LUZERNE	3,699	3,223	87.1	220	6.8	3,002	93.1	472	12.8	185	39.2	287	60.8
LYCOMING	1,667	1,372	82.3	124	9.0	1,247	90.9	294	17.6	123	41.8	171	58.2
MCKEAN	683	464	67.9	48	10.3	416	89.7	104	15.2	36	34.6	68	65.4
MERCER	1,576	1,314	83.4	86	6.5	1,228	93.5	229	14.5	92	40.2	137	59.8
MIFFLIN	639	534	83.6	47	8.8	487	91.2	105	16.4	27	25.7	78	74.3
MONROE	896	748	83.5	44	5.9	704	94.1	142	15.8	60	42.3	82	57.7
MONTGOMERY	8,342	7,413	88.9	233	3.1	7,180	96.9	918	11.0	292	31.8	626	68.2
MONTOUR	243	220	90.5	14	6.4	206	93.6	22	9.1	9	40.9	13	59.1
NORTHAMPTON	2,737	2,287	83.6	139	6.1	2,148	93.9	448	16.4	166	37.1	282	62.9
NORTHUMBERLAND	1,248	1,068	85.6	147	13.8	921	86.2	180	14.4	76	42.2	104	57.8
PERRY	491	422	85.9	42	10.0	380	90.0	69	14.1	24	34.8	45	65.2
PHILADELPHIA	25,200	13,548	53.8	718	5.3	12,827	94.7	11,639	46.2	4,110	35.3	7,523	64.6
PIKE	222	111	50.0	8	7.2	103	92.8	19	8.6	6	31.6	13	68.4
POTTER	280	218	77.9	22	10.1	196	89.9	37	13.2	14	37.8	23	62.2
SCHUYLKILL	1,794	1,520	84.7	144	9.5	1,376	90.5	273	15.2	123	45.1	150	54.9
SNYDER	490	450	91.8	55	12.2	395	87.8	40	8.2	11	27.5	29	72.5
SOMERSET	1,109	982	88.5	101	10.3	881	89.7	94	8.5	40	42.6	54	57.4
SULLIVAN	62	52	83.9	1	1.9	51	98.1	10	16.1	4	40.0	6	60.0
SUSQUEHANNA	568	318	56.0	41	12.9	277	87.1	77	13.6	33	42.9	44	57.1
TIOGA	547	379	69.3	60	15.8	319	84.2	67	12.2	26	38.8	41	61.2
UNION	422	386	91.5	35	9.1	351	90.9	36	8.5	12	33.3	24	66.7
VENANGO	864	737	85.3	65	8.8	672	91.2	124	14.4	46	37.1	78	62.9
WARREN	580	414	71.4	43	10.4	371	89.6	66	11.4	28	42.4	38	57.6
WASHINGTON	2,638	2,272	86.1	132	5.8	2,140	94.2	356	13.5	123	34.6	233	65.4
WAYNE	492	427	86.8	27	6.3	400	93.7	50	10.2	18	36.0	32	64.0
WESTMORELAND	4,484	4,009	89.4	281	7.0	3,727	93.0	474	10.6	169	35.7	305	64.3
WYOMING	425	347	81.6	33	9.5	314	90.5	73	17.2	32	43.8	41	56.2
YORK	4,053	3,296	81.3	208	6.3	3,088	93.7	637	15.7	240	37.7	397	62.3

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COUNTY.
** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH COUNTY.
*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH COUNTY.
NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS.
UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS.

TABLE B-29
RESIDENT LIVE BIRTHS BY MONTH AND COUNTY
PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	MONTH OF BIRTH											
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
ALL COUNTIES	157,810	12,911	12,107	13,670	13,193	13,570	13,485	13,626	13,945	13,271	13,153	12,270	12,609
ADAMS	949	66	59	89	82	92	75	81	96	84	76	75	74
ALLEGHENY	17,972	1,452	1,367	1,534	1,366	1,601	1,474	1,517	1,599	1,480	1,508	1,413	1,461
ARMSTRONG	1,035	75	88	84	80	96	97	85	94	90	75	99	72
BEAVER	2,423	176	183	245	210	233	201	189	216	188	203	211	168
BEDFORD	602	52	53	49	57	53	49	56	60	47	45	45	36
BERKS	4,092	327	320	384	339	329	345	355	368	351	314	330	330
BLAIR	1,714	143	151	153	125	146	154	156	146	127	146	137	130
BRADFORD	905	74	80	78	90	70	86	86	66	63	70	62	80
BUCKS	7,031	584	551	609	614	599	585	642	667	577	523	537	543
BUTLER	2,062	182	170	188	174	171	166	159	181	169	155	174	173
CAMBRIA	2,173	193	156	189	165	194	195	185	180	188	192	179	157
CAMERON	89	7	5	8	7	11	8	6	8	7	9	7	6
CARBON	636	45	42	36	66	43	64	62	61	58	62	42	55
CENTRE	1,333	118	92	118	112	128	115	122	108	111	102	96	111
CHESTER	4,559	356	354	379	372	366	415	387	387	419	425	359	359
CLARION	561	46	30	60	47	51	50	56	48	36	43	48	46
CLEARFIELD	1,141	103	67	114	99	95	102	106	92	94	88	77	84
CLINTON	473	32	31	49	44	42	48	30	49	40	43	24	41
COLUMBIA	757	73	48	57	62	68	61	72	75	62	61	65	53
CRAWFORD	1,289	100	101	132	125	99	101	134	111	95	117	86	88
CUMBERLAND	2,167	176	162	181	200	183	172	194	181	179	197	157	185
DAUPHIN	3,307	283	230	282	281	303	278	273	290	293	274	250	270
DELAWARE	7,561	618	620	627	613	614	606	650	680	678	607	600	646
ELK	565	47	48	45	47	45	51	46	55	55	46	39	41
ERIE	4,272	347	319	356	363	394	361	386	378	357	368	308	337
FAYETTE	2,024	167	162	177	175	157	168	173	176	163	185	173	148
FOREST	49	6	3	5	2	6	6	3	4	3	2	4	5
FRANKLIN	1,414	127	105	143	110	106	128	115	144	107	102	123	104
FULTON	176	15	18	16	13	14	6	18	17	17	11	10	19
GREENE	565	49	45	33	47	53	63	46	50	54	41	39	45
HUNTINGDON	545	56	40	48	47	44	45	59	45	46	47	28	40
INDIANA	1,201	98	99	97	115	103	106	98	96	94	98	89	108
JEFFERSON	742	70	58	70	66	68	50	68	67	50	60	54	61
JUNIATA	285	16	22	27	23	30	28	22	31	27	17	12	30
LACKAWANNA	2,720	259	174	261	210	233	212	271	233	227	236	195	209

(CONTINUED)

TABLE B-29
RESIDENT LIVE BIRTHS BY MONTH AND COUNTY
PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	MONTH OF BIRTH											
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
LANCASTER	5,809	447	490	494	475	474	502	460	501	506	499	440	521
LAWRENCE	1,333	112	116	105	120	128	111	110	109	119	122	79	102
LEBANON	1,413	106	110	112	117	134	117	108	141	125	119	123	101
LEHIGH	3,415	273	234	311	267	291	309	290	284	298	314	266	278
LUZERNE	3,699	280	286	312	313	306	331	332	337	303	286	312	301
LYCOMING	1,667	137	137	157	153	152	131	133	134	150	121	129	133
MCKEAN	663	67	61	55	45	65	55	63	63	58	61	50	40
MERCER	1,576	102	119	153	137	118	173	129	134	116	139	126	130
MIFFLIN	639	49	45	60	50	54	63	59	47	54	59	52	47
MONROE	896	64	61	82	76	84	75	103	76	73	66	52	84
MONTGOMERY	8,342	692	658	718	749	735	747	658	692	672	686	688	647
MONTOUR	243	17	24	30	18	22	12	17	20	18	21	20	24
NORTHAMPTON	2,737	196	230	233	222	213	257	234	247	250	226	194	235
NORTHUMBERLAND	1,248	101	92	114	107	87	109	109	105	104	106	96	118
PERRY	491	35	45	55	39	39	46	44	40	31	32	38	47
PHILADELPHIA	25,200	2,063	1,905	2,118	1,957	2,158	2,177	2,240	2,264	2,204	2,130	1,973	2,011
PIKE	222	22	14	26	17	22	15	20	18	19	20	13	16
POTTER	280	28	19	27	22	24	21	31	26	22	20	16	22
SCHUYLKILL	1,794	139	138	166	151	164	141	132	168	151	162	139	143
SNYDER	490	47	43	32	43	30	40	39	41	50	41	43	41
SOMERSET	1,109	71	77	100	95	99	90	102	91	103	109	72	100
SULLIVAN	62	10	9	4	3	5	5	7	2	7	6	2	2
SUSQUEHANNA	568	46	43	58	58	60	51	39	58	36	44	32	43
TIOGA	547	44	46	54	31	56	52	42	63	42	43	38	36
UNION	422	33	24	31	29	38	35	39	43	36	41	36	37
VENANGO	864	72	66	66	70	67	80	91	67	74	69	72	70
WARREN	560	54	45	56	52	53	57	45	62	42	49	42	23
WASHINGTON	2,638	244	206	229	194	240	213	216	217	218	232	207	222
WAYNE	492	43	38	37	31	44	46	47	41	47	41	42	35
WESTMORELAND	4,484	387	359	376	386	393	387	376	396	354	364	370	356
WYOMING	425	43	31	39	42	45	33	34	28	35	36	29	30
YORK	4,053	347	283	337	376	330	331	369	371	318	341	352	296

TABLE B-30
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	157,810	118,055	74.8	24,685	15.6	4,724	3.0	9,288	5.9	1,058	0.7
ADAMS	949	800	84.3	113	11.9	17	1.8	16	1.7	3	0.3
ALLEGHENY	17,972	15,117	84.1	2,091	11.6	333	1.9	312	1.7	119	0.7
ARMSTRONG	1,035	751	72.6	251	24.3	25	2.4	5	0.5	3	0.3
BEAVER	2,423	1,976	81.6	298	12.3	62	2.6	59	2.4	28	1.2
BEDFORD	602	443	73.6	118	19.6	20	3.3	8	1.3	13	2.2
BERKS	4,092	2,988	73.0	854	20.9	178	4.3	51	1.2	21	0.5
BLAIR	1,714	1,402	81.8	248	14.5	49	2.9	8	0.5	7	0.4
BRADFORD	905	664	73.4	186	20.6	40	4.4	10	1.1	5	0.6
BUCKS	7,031	5,779	82.2	822	11.7	204	2.9	187	2.7	39	0.6
BUTLER	2,062	1,580	76.6	337	16.3	70	3.4	62	3.0	13	0.6
CAMBRIA	2,173	1,702	78.3	395	18.2	50	2.3	21	1.0	5	0.2
CAMERON	89	77	86.5	10	11.2	0	-	2	2.2	0	-
CARBON	636	483	75.9	109	17.1	26	4.1	14	2.2	4	0.6
CENTRE	1,333	1,011	75.8	249	18.7	58	4.4	5	0.4	10	0.8
CHESTER	4,559	3,553	77.9	733	16.1	153	3.4	91	2.0	29	0.6
CLARION	561	454	80.9	82	14.6	14	2.5	6	1.1	5	0.9
CLEARFIELD	1,141	911	79.8	188	16.5	24	2.1	5	0.4	13	1.1
CLINTON	473	359	75.9	94	19.9	14	3.0	4	0.8	2	0.4
COLUMBIA	757	605	79.9	108	14.3	25	3.3	18	2.4	1	0.1
CRAWFORD	1,289	983	76.3	209	16.2	51	4.0	38	2.9	8	0.6
CUMBERLAND	2,167	1,490	68.8	304	14.0	55	2.5	309	14.3	9	0.4
DAUPHIN	3,307	2,012	60.8	602	18.2	87	2.6	578	17.5	28	0.8
DELAWARE	7,561	6,258	82.8	926	12.2	134	1.8	211	2.8	32	0.4
ELK	565	507	89.7	49	8.7	3	0.5	3	0.5	3	0.5
ERIE	4,272	2,896	67.8	508	11.9	113	2.6	733	17.2	22	0.5
FAYETTE	2,024	1,463	72.3	391	19.3	67	3.3	96	4.7	7	0.3
FOREST	49	37	75.5	8	16.3	1	2.0	1	2.0	2	4.1
FRANKLIN	1,414	1,092	77.2	266	18.8	34	2.4	16	1.1	6	0.4
FULTON	176	134	76.1	36	20.5	6	3.4	0	-	0	-
GREENE	565	436	77.2	107	18.9	14	2.5	3	0.5	5	0.9
HUNTINGDON	545	393	72.1	136	25.0	11	2.0	3	0.6	2	0.4
INDIANA	1,201	960	81.6	166	13.8	28	2.3	15	1.2	12	1.0
JEFFERSON	742	636	85.7	88	11.9	7	0.9	6	0.8	5	0.7
JUNIATA	285	204	71.6	62	21.8	9	3.2	10	3.5	0	-
LACKAWANNA	2,720	2,307	84.8	344	12.6	45	1.7	8	0.3	16	0.6

(CONTINUED)

TABLE 8-30
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,809	4,439	76.4	1,074	18.5	239	4.1	42	0.7	15	0.3
LAWRENCE	1,333	282	21.2	79	5.9	9	0.7	955	71.6	8	0.6
LEBANON	1,413	1,103	78.1	219	15.5	28	2.0	58	4.1	5	0.4
LEHIGH	3,415	2,770	81.1	358	10.5	95	2.8	170	5.0	22	0.6
LUZERNE	3,699	2,958	80.0	583	15.8	100	2.7	41	1.1	17	0.5
LYCOMING	1,667	1,228	73.7	352	21.1	54	3.2	21	1.3	12	0.7
MCKEAN	683	464	67.9	162	23.7	35	5.1	19	2.8	3	0.4
MERCER	1,576	1,111	70.5	349	22.1	76	4.8	34	2.2	6	0.4
MIFFLIN	639	479	75.0	99	15.5	54	8.5	2	0.3	5	0.8
MONROE	896	677	75.6	161	18.0	35	3.9	15	1.7	8	0.9
MONTGOMERY	8,342	7,052	84.5	862	10.3	183	2.2	206	2.5	39	0.5
MONTOUR	245	191	78.6	38	15.6	11	4.5	2	0.8	1	0.4
NORTHAMPTON	2,737	2,215	80.9	339	12.4	63	2.3	100	3.7	20	0.7
NORTHUMBERLAND	1,248	933	74.8	214	17.1	35	2.8	59	4.7	7	0.6
PERRY	491	315	64.2	104	21.2	20	4.1	52	10.6	0	-
PHILADELPHIA	25,200	14,922	59.2	5,363	21.3	1,164	4.6	3,448	13.7	303	1.2
PIKE	222	176	79.3	35	15.8	6	2.7	4	1.8	1	0.5
POTTER	280	207	73.9	36	12.9	9	3.2	28	10.0	0	-
SCHUYLKILL	1,794	1,445	80.4	266	14.8	35	2.0	37	2.1	13	0.7
SNYDER	490	334	68.2	102	20.8	49	10.0	3	0.6	2	0.4
SOMERSET	1,109	856	77.2	200	18.0	32	2.9	15	1.4	6	0.5
SULLIVAN	62	48	77.4	12	19.4	2	3.2	0	-	0	-
SUSQUEHANNA	568	373	65.7	147	25.9	20	3.5	25	4.4	3	0.5
TIOGA	547	392	71.7	112	20.5	15	2.7	26	4.8	2	0.4
UNION	422	322	76.3	83	19.7	15	3.6	2	0.5	0	-
VENANGO	864	755	87.4	95	11.0	5	0.6	7	0.8	2	0.2
WARREN	580	472	81.4	76	13.1	13	2.2	14	2.4	5	0.9
WASHINGTON	2,638	1,892	71.7	437	16.6	113	4.3	168	6.4	28	1.1
WAYNE	492	396	80.5	78	15.9	12	2.4	4	0.8	2	0.4
WESTMORELAND	4,484	3,170	70.7	524	11.7	77	1.7	690	15.4	23	0.5
WYOMING	425	301	70.8	99	23.3	15	3.5	8	1.9	2	0.5
YORK	4,053	3,296	81.3	539	13.3	78	1.9	119	2.9	21	0.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-31
RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY,
ATTENDANT AT BIRTH AND COUNTY
PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
ALL COUNTIES	157,810	151,628	3,204	72	745	837	1,018	240	66
ADAMS	949	929	8	0	5	0	6	1	0
ALLEGHENY	17,972	17,787	121	5	5	25	21	7	1
ARMSTRONG	1,035	1,030	0	0	0	1	1	3	0
BEAVER	2,425	2,400	0	7	1	10	1	4	0
BEDFORD	602	593	3	0	0	3	3	0	0
BERKS	4,092	3,712	214	0	14	75	71	2	4
BLAIR	1,714	1,700	2	0	2	2	2	5	1
BRADFORD	905	684	160	0	51	3	0	6	1
BUCKS	7,031	6,916	45	2	14	24	23	4	3
BUTLER	2,062	2,054	0	0	0	5	1	2	0
CAMBRIA	2,173	2,160	2	2	3	1	3	1	1
CAMERON	89	89	0	0	0	0	0	0	0
CARBON	636	625	3	1	0	3	4	0	0
CENTRE	1,333	1,293	22	0	0	1	16	1	0
CHESTER	4,559	4,253	197	5	4	28	60	10	2
CLARION	561	556	0	0	0	0	1	3	1
CLEARFIELD	1,141	1,140	0	0	0	0	1	0	0
CLINTON	473	336	123	0	0	2	10	1	1
COLUMBIA	757	749	3	0	1	2	0	2	0
CRAWFORD	1,289	1,268	0	0	1	2	9	5	4
CUMBERLAND	2,167	2,050	59	0	4	5	43	5	1
DAUPHIN	3,307	3,167	90	0	30	10	4	5	1
DELAWARE	7,561	7,389	123	4	6	5	29	5	0
ELK	565	565	0	0	0	0	0	0	0
ERIE	4,272	4,248	0	1	6	10	0	7	0
FAYETTE	2,024	1,998	1	0	16	8	1	0	0
FOREST	49	46	0	0	0	0	1	1	1
FRANKLIN	1,414	1,379	0	1	2	2	29	1	0
FULTON	176	174	0	0	0	1	1	0	0
GREENE	565	474	0	1	86	4	0	0	0
HUNTINGDON	545	445	98	0	0	1	1	0	0
INDIANA	1,201	1,168	1	0	0	2	8	22	0
JEFFERSON	742	741	0	0	0	1	0	0	0
JUNIATA	285	223	43	0	2	0	16	1	0
LACKAWANNA	2,720	2,619	85	1	1	6	5	3	0

(CONTINUED)

TABLE B-31
RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY,
ATTENDANT AT BIRTH AND COUNTY
PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
LANCASTER	5,809	5,124	22	0	1	392	240	24	6
LAWRENCE	1,333	1,316	0	0	2	4	6	0	5
LEBANON	1,413	1,340	0	0	0	45	10	13	5
LEHIGH	3,415	3,362	2	0	0	6	45	0	0
LUZERNE	3,699	3,362	315	0	1	15	1	3	2
LYCOMING	1,667	1,484	160	0	3	8	9	3	0
MCKEAN	683	625	0	0	58	0	0	0	0
MERCER	1,576	1,548	0	1	0	0	16	6	5
MIFFLIN	639	435	134	2	0	0	64	2	2
MONROE	896	868	4	0	1	14	5	4	0
MONTGOMERY	8,342	8,170	95	3	7	8	51	7	1
MONTOUR	243	234	1	0	1	0	5	2	0
NORTHAMPTON	2,737	2,695	0	0	0	8	28	5	1
NORTHUMBERLAND	1,246	1,240	2	0	0	1	2	3	0
PERRY	491	457	23	1	3	1	5	1	0
PHILADELPHIA	25,200	24,158	886	27	37	37	24	27	4
PIKE	222	137	30	0	51	3	1	0	0
POTTER	260	260	0	0	16	1	0	3	0
SCHUYLKILL	1,794	1,766	6	0	0	18	1	3	0
SNYDER	490	418	7	0	0	0	56	4	5
SOMERSET	1,109	1,099	0	0	0	2	7	1	0
SULLIVAN	62	56	5	0	0	1	0	0	0
SUSQUEHANNA	568	438	17	1	109	1	1	0	1
TIOGA	547	466	10	0	65	3	0	3	0
UNION	422	398	2	0	0	1	16	3	2
VENANGO	864	859	0	1	0	2	2	0	0
WARREN	580	509	0	0	57	1	3	6	4
WASHINGTON	2,638	2,550	6	2	71	6	0	3	0
WAYNE	492	426	55	0	4	4	2	1	0
WESTMORELAND	4,484	4,466	4	3	2	5	3	0	1
WYOMING	425	416	4	0	2	0	2	1	0
YORK	4,053	3,986	9	1	0	8	42	5	2

TABLE B-32
RESIDENT LIVE BIRTHS BY TYPE OF MEDICAL CONDITION AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	COMPLICATIONS OF PREGNANCY		CONCURRENT ILLNESSES OR CONDITIONS		COMPLICATIONS OF LABOR OR DELIVERY		BIRTH INJURIES OF CHILD		CONGENITAL ANOMALIES	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	157,810	37,235	23.6	5,749	3.6	26,660	16.9	611	0.4	1,480	0.9
ADAMS	949	144	15.2	19	2.0	132	13.9	4	0.4	7	0.7
ALLEGHENY	17,972	4,676	26.0	880	4.9	4,290	23.9	82	0.5	116	0.6
ARMSTRONG	1,035	272	26.3	35	3.4	300	29.0	7	0.7	16	1.5
BEAVER	2,423	696	28.7	79	3.3	675	27.9	10	0.4	48	2.0
BEDFORD	602	100	16.6	11	1.8	88	14.6	0	-	4	0.7
BERKS	4,092	1,312	32.1	211	5.2	1,300	31.8	33	0.8	63	1.5
BLAIR	1,714	436	25.4	24	1.4	234	13.7	0	-	8	0.5
BRADFORD	905	235	26.0	32	3.5	246	27.2	16	1.8	12	1.3
BUCKS	7,031	1,723	24.5	241	3.4	1,010	14.4	13	0.2	51	0.7
BUTLER	2,062	292	14.2	44	2.1	188	9.1	4	0.2	10	0.5
CAMBRIA	2,173	575	26.5	55	2.5	314	14.5	7	0.3	23	1.1
CAMERON	89	26	29.2	0	-	29	32.6	0	-	0	-
CARBON	636	174	27.4	31	4.9	142	22.3	6	0.9	9	1.4
CENTRE	1,333	173	13.0	31	2.3	127	9.5	1	0.1	11	0.8
CHESTER	4,559	869	19.1	94	2.1	609	13.4	5	0.1	21	0.5
CLARION	561	84	15.0	9	1.6	101	18.0	1	0.2	3	0.5
CLEARFIELD	1,141	187	16.4	20	1.8	181	15.9	4	0.4	16	1.4
CLINTON	473	99	20.9	7	1.5	79	16.7	3	0.6	7	1.5
COLUMBIA	757	134	17.7	7	0.9	78	10.3	1	0.1	4	0.5
CRAWFORD	1,289	191	14.8	19	1.5	161	12.5	3	0.2	20	1.6
CUMBERLAND	2,167	530	24.5	77	3.6	416	19.2	12	0.6	27	1.2
DAUPHIN	3,307	903	27.3	262	7.9	595	18.0	22	0.7	50	1.5
DELAWARE	7,561	1,968	26.0	319	4.2	976	12.9	16	0.2	49	0.6
ELK	565	114	20.2	9	1.6	117	20.7	1	0.2	9	1.6
ERIE	4,272	765	17.9	104	2.4	463	10.8	19	0.4	48	1.1
FAYETTE	2,024	333	16.5	26	1.3	299	14.8	2	0.1	15	0.7
FOREST	49	8	16.3	1	2.0	9	18.4	0	-	0	-
FRANKLIN	1,414	325	23.0	18	1.3	231	16.3	7	0.5	13	0.9
FULTON	176	18	10.2	1	0.6	11	6.3	0	-	1	0.6
GREENE	565	69	12.2	4	0.7	54	9.6	0	-	2	0.4
HUNTINGDON	545	137	25.1	33	6.1	91	16.7	3	0.6	4	0.7
INDIANA	1,201	173	14.4	20	1.7	233	19.4	2	0.2	11	0.9
JEFFERSON	742	143	19.3	23	3.1	141	19.0	1	0.1	17	2.3
JUNIATA	285	70	24.6	30	10.5	66	23.2	1	0.4	5	1.8
LACKAWANNA	2,720	429	15.8	38	1.4	352	12.9	2	0.1	16	0.6

(CONTINUED)

TABLE B-32
RESIDENT LIVE BIRTHS BY TYPE OF MEDICAL CONDITION AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

COUNTY	TOTAL BIRTHS	COMPLICATIONS OF PREGNANCY		CONCURRENT ILLNESSES OR CONDITIONS		COMPLICATIONS OF LABOR OR DELIVERY		BIRTH INJURIES OF CHILD		CONGENITAL ANOMALIES	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,809	782	13.5	129	2.2	700	12.1	6	0.1	58	1.0
LAWRENCE	1,333	203	15.2	21	1.6	139	10.4	4	0.3	12	0.9
LEBANON	1,413	329	23.3	49	3.5	264	18.7	9	0.6	19	1.3
LEHIGH	3,415	1,284	37.6	123	3.6	772	22.6	66	1.9	40	1.2
LUZERNE	3,699	646	17.5	80	2.2	832	22.5	4	0.1	29	0.8
LYCOMING	1,667	408	24.5	35	2.1	357	21.4	10	0.6	20	1.2
MCKEAN	683	94	13.8	9	1.3	103	15.1	5	0.7	6	0.9
MERCER	1,576	335	21.3	38	2.4	313	19.9	4	0.3	17	1.1
MIFFLIN	639	195	30.5	49	7.7	151	23.6	0	-	10	1.6
MONROE	896	159	17.7	10	1.1	130	14.5	2	0.2	7	0.8
MONTGOMERY	8,342	1,774	21.3	260	3.1	996	11.9	20	0.2	62	0.7
MONTOUR	243	28	11.5	5	2.1	16	6.6	0	-	0	-
NORTHAMPTON	2,737	578	21.1	60	2.2	367	13.4	11	0.4	40	1.5
NORTHUMBERLAND	1,248	242	19.4	35	2.8	153	12.3	13	1.0	13	1.0
PERRY	491	130	26.5	20	4.1	98	20.0	3	0.6	4	0.8
PHILADELPHIA	25,200	7,735	30.7	1,559	6.2	3,862	15.3	93	0.4	248	1.0
PIKE	222	14	6.3	0	-	12	5.4	1	0.5	0	-
POTTER	280	80	28.6	13	4.6	76	27.1	5	1.8	8	2.9
SCHUYLKILL	1,794	361	20.1	50	2.8	264	14.7	11	0.6	24	1.3
SNYDER	490	112	22.9	16	3.3	77	15.7	3	0.6	8	1.6
SOMERSET	1,109	204	18.4	12	1.1	158	14.2	5	0.5	11	1.0
SULLIVAN	62	21	33.9	5	8.1	12	19.4	2	3.2	0	-
SUSQUEHANNA	568	75	13.2	13	2.3	50	8.8	3	0.5	6	1.1
TIOGA	547	98	17.9	10	1.8	110	20.1	13	2.4	9	1.6
UNION	422	97	23.0	12	2.8	66	15.6	0	-	6	1.4
VENANGO	864	186	21.5	12	1.4	134	15.5	2	0.2	13	1.5
WARREN	580	52	9.0	5	0.9	34	5.9	2	0.3	4	0.7
WASHINGTON	2,638	623	23.6	70	2.7	395	15.0	2	0.1	19	0.7
WAYNE	492	77	15.7	15	3.0	50	10.2	3	0.6	3	0.6
WESTMORELAND	4,484	896	20.0	104	2.3	684	15.3	11	0.2	39	0.9
WYOMING	425	64	15.1	19	4.5	90	21.2	2	0.5	6	1.4
YORK	4,053	970	23.9	97	2.4	857	21.1	8	0.2	23	0.6

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

NOTE: MORE THAN ONE TYPE OF MEDICAL CONDITION MAY BE REPORTED FOR A LIVE BIRTH.

TABLE B-33
RESIDENT LIVE BIRTHS BY SEX, RACE AND SELECTED MUNICIPALITY
NUMBER AND RATE: PENNSYLVANIA, 1983

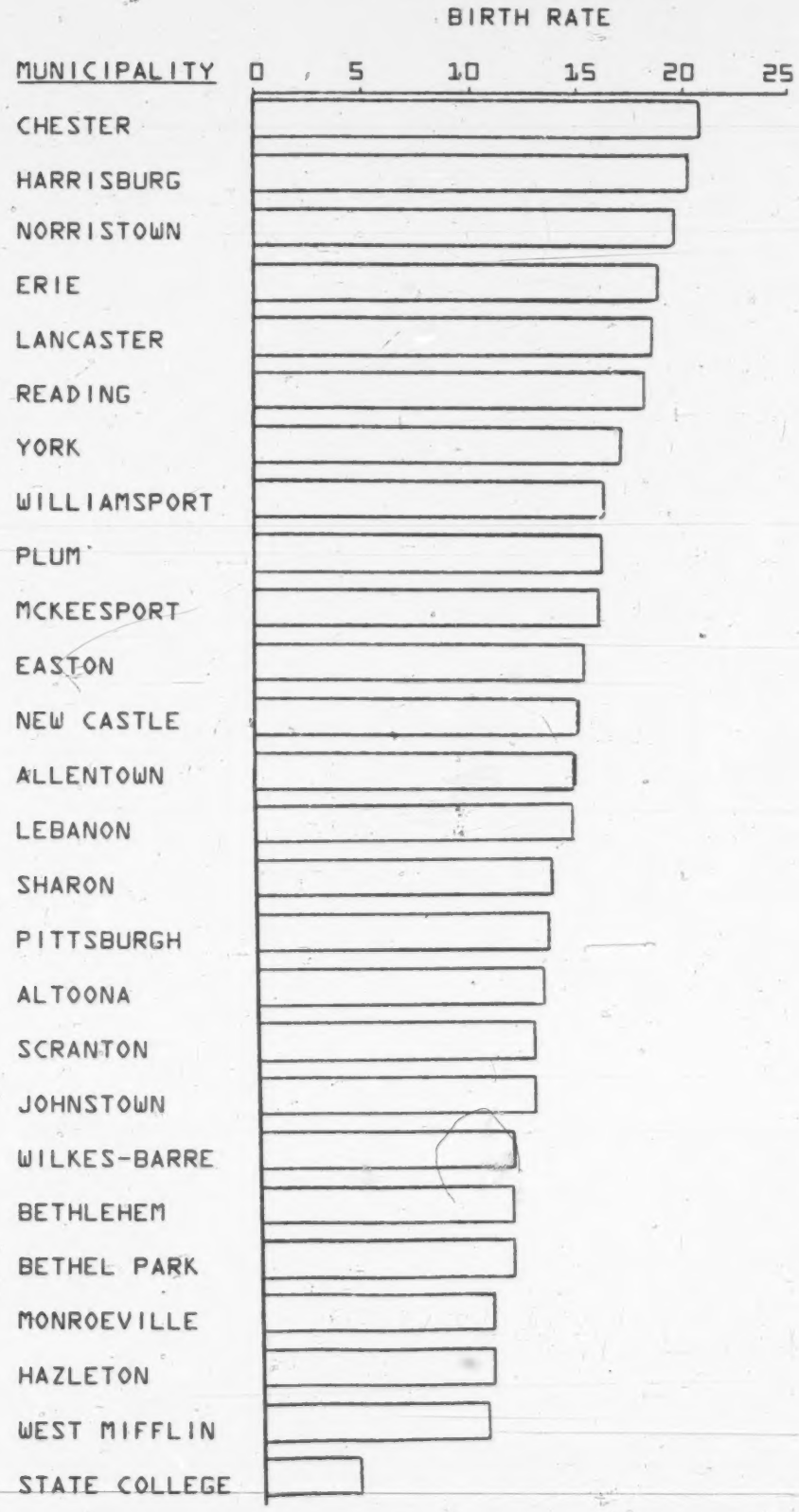
MUNICIPALITY	TOTAL BIRTHS	RATE*	WHITE			ALL OTHER		
			TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALLENTOWN	1,533	14.9	1,388	701	687	145	84	61
ALTOONA	735	13.4	719	368	351	16	10	6
BETHEL PARK	411	11.6	394	200	194	17	10	7
BETHLEHEM	821	11.8	771	405	366	50	28	22
CHESTER	924	20.8	267	141	126	657	343	314
EASTON	398	15.5	326	163	163	72	34	38
ERIE	2,208	18.9	1,845	927	918	363	183	180
HARRISBURG	1,041	20.3	429	230	199	612	307	305
HAZLETON	281	10.8	275	135	140	6	1	5
JOHNSTOWN	431	12.9	369	178	191	62	36	26
LANCASTER	1,034	18.7	830	421	409	204	97	107
LEBANON	380	14.8	362	208	154	18	11	7
MCKEESPORT	474	16.1	375	201	174	99	45	54
MONROEVILLE	339	10.8	288	148	140	51	25	26
NEW CASTLE	485	15.1	418	203	215	67	40	27
NORRISTOWN	679	19.7	456	231	225	223	113	110
PITTSBURGH	5,528	13.6	3,492	1,813	1,679	2,028	1,036	992
PLUM	430	16.3	416	224	192	14	3	11
READING	1,421	18.3	1,211	614	597	210	111	99
SCRANTON	1,091	12.9	1,031	538	493	60	20	40
SHARON	238	13.8	209	98	111	29	11	18
STATE COLLEGE	166	4.5	135	73	62	31	17	14
WEST MIFFLIN	270	10.5	244	121	123	26	10	16
WILKES BARRE	592	11.9	561	272	289	31	19	12
WILLIAMSPORT	526	16.4	487	242	245	39	19	20
YORK	748	17.2	513	240	273	235	110	125

* RATE PER 1,000 POPULATION FOR EACH SPECIFIED MUNICIPALITY
** UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

FIGURE B-6

RESIDENT LIVE BIRTH RATE* BY SELECTED MUNICIPALITY, PENNSYLVANIA, 1983



*RATE PER 1,000 POPULATION.

TABLE B-34
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND SELECTED MUNICIPALITY
PENNSYLVANIA, 1983

MUNICIPALITY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	UNKNOWN AGE
ALLENTOWN	1,533	2	204	466	549	255	52	5	0	0
ALTOONA	735	1	122	248	234	98	25	7	0	0
BETHEL PARK	411	0	23	61	148	138	38	2	1	0
BETHLEHEM	821	1	99	216	283	169	51	2	0	0
CHESTER	924	12	215	358	208	98	30	4	0	1
EASTON	398	1	65	148	115	57	12	0	0	0
ERIE	2,208	6	328	671	716	376	98	13	0	0
HARRISBURG	1,041	8	262	345	269	121	34	2	0	0
HAZLETON	281	0	30	90	95	48	16	2	0	0
JOHNSTOWN	451	2	70	162	134	46	15	2	0	0
LANCASTER	1,034	0	214	392	274	124	25	5	0	0
LEBANON	380	0	73	145	103	44	14	0	1	0
MCKEESPORT	474	2	79	149	143	78	22	1	0	0
MONROEVILLE	339	0	14	70	135	90	27	3	0	0
NEW CASTLE	485	1	78	171	145	77	11	2	0	0
NORRISTOWN	679	2	93	237	239	85	18	5	0	0
PITTSBURGH	5,520	21	834	1,707	1,749	924	246	28	0	11
PLUM	430	0	20	90	203	89	22	5	1	0
READING	1,421	8	273	508	410	178	38	6	0	0
SCRANTON	1,091	1	119	361	345	194	63	7	1	0
SHARON	238	0	38	86	74	36	4	0	0	0
STATE COLLEGE	166	0	9	39	59	49	9	1	0	0
WEST MIFFLIN	270	1	17	81	95	64	10	1	0	1
WILKES BARRE	592	0	79	172	213	93	26	8	0	1
WILLIAMSPORT	526	2	94	178	155	79	13	5	0	0
YORK	748	1	149	291	206	87	11	3	0	0

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-35
RESIDENT LIVE BIRTHS BY BIRTHWEIGHT AND SELECTED MUNICIPALITY
NUMBER AND PERCENT*: PENNSYLVANIA, 1983

MUNICIPALITY	TOTAL BIRTHS	BIRTHWEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALLENTOWN	1,533	14	0.9	80	5.2	842	54.9	572	37.3	24	1.6	1	0.1
ALTOONA	735	7	1.0	30	4.1	393	53.5	295	40.1	10	1.4	0	-
BETHEL PARK	411	4	1.0	16	3.9	199	48.4	179	43.6	13	3.2	0	-
BETHLEHEM	821	8	1.0	52	6.3	458	55.8	287	35.0	15	1.8	1	0.1
CHESTER	924	18	1.9	105	11.4	546	59.1	242	26.2	11	1.2	2	0.2
EASTON	398	7	1.8	24	6.0	219	55.0	145	36.4	2	0.5	1	0.3
ERIE	2,208	31	1.4	122	5.5	1,185	53.7	827	37.5	41	1.9	2	0.1
HARRISBURG	1,041	26	2.5	89	8.5	633	60.8	284	27.3	9	0.9	0	-
HAZLETON	281	5	1.8	14	5.0	176	62.6	85	30.2	1	0.4	0	-
JOHNSTOWN	431	2	0.5	24	5.6	276	64.0	123	28.5	6	1.4	0	-
LANCASTER	1,034	32	3.1	69	6.7	587	56.8	331	32.0	15	1.5	0	-
LEBANON	380	10	2.6	19	5.0	200	52.6	141	37.1	10	2.6	0	-
MCKEESPORT	474	8	1.7	25	5.3	267	56.3	163	34.4	11	2.3	0	-
MONROEVILLE	339	3	0.9	10	2.9	188	55.5	134	39.5	4	1.2	0	-
NEW CASTLE	485	4	0.8	32	6.6	256	52.8	185	38.1	8	1.6	0	-
NORRISTOWN	679	9	1.3	47	6.9	377	55.5	226	33.3	18	2.7	2	0.3
PITTSBURGH	5,520	117	2.1	424	7.7	3,078	55.8	1,812	32.8	84	1.5	5	0.1
PLUM	430	2	0.5	13	3.0	221	51.4	186	43.3	8	1.9	0	-
READING	1,421	14	1.0	86	6.1	745	52.4	554	39.0	21	1.5	1	0.1
SCRANTON	1,091	13	1.2	64	5.9	552	50.6	444	40.7	17	1.6	1	0.1
SHARON	238	0	-	15	6.3	133	55.9	86	36.1	4	1.7	0	-
STATE COLLEGE	166	3	1.8	10	6.0	79	47.6	67	40.4	7	4.2	0	-
WEST MIFFLIN	270	4	1.5	14	5.2	143	53.0	105	38.9	4	1.5	0	-
WILKES BARRE	592	5	0.8	35	5.9	310	52.4	233	39.4	9	1.5	0	-
WILLIAMSPORT	526	10	1.9	33	6.3	260	49.4	213	40.5	10	1.9	0	-
YORK	748	10	1.3	57	7.6	427	57.1	241	32.2	13	1.7	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED MUNICIPALITY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.
LOW BIRTHWEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-36
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER
AND SELECTED MUNICIPALITY, NUMBER AND PERCENT: PENNSYLVANIA, 1983

MUNICIPALITY	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	PERCENT*	NUMBER	PERCENT**	NUMBER	PERCENT**	NUMBER	PERCENT*	NUMBER	PERCENT***	NUMBER	PERCENT***
ALLENTOWN	1,533	1,185	77.3	74	6.2	1,111	93.8	347	22.6	132	38.0	215	62.0
ALTOONA	735	569	77.4	62	10.9	507	89.1	166	22.6	61	36.7	105	63.3
BETHEL PARK	411	387	94.2	9	2.3	378	97.7	24	5.8	14	58.3	10	41.7
BETHLEHEM	821	643	78.3	44	6.8	599	93.2	177	21.6	56	31.6	121	68.4
CHESTER	924	356	38.5	27	7.6	328	92.1	568	61.5	198	34.9	370	65.1
EASTON	396	282	70.9	25	8.9	257	91.1	115	28.9	41	35.7	74	64.3
ERIE	2,208	1,582	71.6	92	5.8	1,490	94.2	620	28.1	241	38.9	379	61.1
HARRISBURG	1,041	450	43.2	38	8.4	412	91.6	591	56.8	232	39.3	359	60.7
HAZLETON	281	233	82.9	8	3.4	225	96.6	47	16.7	22	46.8	25	53.2
JOHNSTOWN	431	315	73.1	34	10.8	281	89.2	115	26.7	38	33.0	77	67.0
LANCASTER	1,034	611	59.1	57	9.3	554	90.7	422	40.8	157	37.2	265	62.8
LEBANON	380	264	69.5	24	9.1	240	90.9	116	30.5	49	42.2	67	57.8
MCKEESPORT	474	337	71.1	34	10.1	303	89.9	137	28.9	47	34.3	90	65.7
MONROEVILLE	339	320	94.4	7	2.2	313	97.8	19	5.6	7	36.8	12	63.2
NEW CASTLE	485	344	70.9	32	9.3	312	90.7	107	22.1	45	42.1	62	57.9
NORRISTOWN	679	456	67.2	21	4.6	435	95.4	220	32.4	73	33.2	147	66.8
PITTSBURGH	5,520	3,576	64.8	175	4.9	3,401	95.1	1,931	35.0	678	35.1	1,248	64.6
PLUM	430	411	95.6	8	1.9	403	98.1	19	4.4	12	63.2	7	36.8
READING	1,421	872	61.4	75	8.6	797	91.4	547	38.5	205	37.5	342	62.5
SCRANTON	1,091	898	82.3	54	6.0	844	94.0	193	17.7	66	34.2	127	65.8
SHARON	236	179	75.2	15	8.4	164	91.6	53	22.3	20	37.7	33	62.3
STATE COLLEGE	166	149	89.8	4	2.7	145	97.3	16	9.6	5	31.3	11	68.8
WEST MIFFLIN	270	236	87.4	7	3.0	229	97.0	34	12.6	11	32.4	22	64.7
WILKES BARRE	592	488	82.4	40	8.2	447	91.6	104	17.6	39	37.5	65	62.5
WILLIAMSPORT	526	398	75.7	38	9.5	360	90.5	127	24.1	58	45.7	69	54.3
YORK	748	458	61.2	38	8.3	420	91.7	286	38.2	112	39.2	174	60.8

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH MUNICIPALITY.
** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH MUNICIPALITY.
*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH MUNICIPALITY.
NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS.
UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS.

SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-37
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT
AND SELECTED MUNICIPALITY, NUMBER AND PERCENT*: PENNSYLVANIA, 1983

	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALLENTOWN	1,533	1,174	76.6	198	12.9	63	4.1	84	5.5	14	0.9
ALTOONA	735	589	80.1	120	16.3	19	2.6	3	0.4	4	0.5
BETHEL PARK	411	382	92.9	23	5.6	3	0.7	3	0.7	0	-
BETHLEHEM	821	676	82.3	103	12.5	13	1.6	22	2.7	7	0.9
CHESTER	924	560	60.6	262	28.4	39	4.2	52	5.6	11	1.2
EASTON	398	280	70.4	80	20.1	16	4.0	19	4.8	3	0.8
ERIE	2,208	1,459	66.1	290	13.1	65	2.9	379	17.2	15	0.7
HARRISBURG	1,041	454	43.6	287	27.6	47	4.5	236	22.7	17	1.6
HAZLETON	281	220	78.3	45	16.0	9	3.2	4	1.4	3	1.1
JOHNSTOWN	431	316	73.3	94	21.8	14	3.2	6	1.4	1	0.2
LANCASTER	1,034	811	78.4	187	18.1	22	2.1	12	1.2	2	0.2
LEBANON	380	287	75.5	69	18.2	13	3.4	11	2.9	0	-
MCKEESPORT	474	324	68.4	119	25.1	21	4.4	2	0.4	8	1.7
MONROEVILLE	339	302	89.1	28	8.3	3	0.9	5	1.5	1	0.3
NEW CASTLE	485	40	8.2	13	2.7	3	0.6	425	87.6	4	0.8
NORRISTOWN	679	516	76.0	118	17.4	20	2.9	16	2.4	9	1.3
PITTSBURGH	5,520	4,350	78.8	837	15.2	136	2.5	147	2.7	50	0.9
PLUM	430	383	89.1	37	8.6	3	0.7	6	1.4	1	0.2
READING	1,421	837	58.9	441	31.0	114	8.0	19	1.3	10	0.7
SCRANTON	1,091	893	81.9	171	15.7	19	1.7	2	0.2	6	0.5
SHARON	238	137	57.6	85	35.7	15	6.3	0	-	1	0.4
STATE COLLEGE	166	127	76.5	29	17.5	9	5.4	0	-	1	0.6
WEST MIFFLIN	270	236	87.4	22	8.1	8	3.0	4	1.5	0	-
WILKES BARRE	592	444	75.0	114	19.3	23	3.9	6	1.0	5	0.8
WILLIAMSPORT	526	363	69.0	137	26.0	18	3.4	3	0.6	5	1.0
YORK	746	567	75.6	140	18.7	29	3.9	4	0.5	8	1.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SELECTED MUNICIPALITY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

MORTALITY STATISTICS

1983 MORTALITY STATISTICS

****
HIGHLIGHTS
****

THE STATE

In 1983, a total of 121,066 Pennsylvania residents died, an increase of 2,616 since 1982 and the highest number since 1980. The death rate per 1,000 population increased to 10.2. Only minor fluctuations have occurred in the death rate over the past 40 years.

The median age at death, however, continues to rise. It was 73.1 for Pennsylvania residents in 1983, compared to 72.6 in 1982, 70.9 in 1970 and 68.7 in 1960.

LEADING CAUSES OF DEATH:

The leading cause of death in Pennsylvania continued to be heart disease, which accounted for 49,780 or 41.1 percent of all deaths. The ranking of the four most frequent causes of death—heart disease, malignant neoplasms (cancer), cerebrovascular disease, and accidents has remained the same since 1950. Together, these four causes accounted for nearly 74 percent of the deaths in 1983. The fifth leading cause of death, chronic obstructive pulmonary disease, is a relatively new category that includes bronchitis, emphysema, asthma and allied conditions. The National Center for Health Statistics and numerous other states have been listing this category since the latest revision of the International Classification of Diseases took effect in 1979. Since the late 1970's, medical certifiers have begun using the term, chronic obstructive pulmonary disease, on certificates instead of a more specific diagnosis. And, for comparison with mortality statistics reported by other states and the United States, this new category was first introduced in the 1982 report. In 1983, it accounted for 2.9 percent of all deaths, compared to 2.7 in 1982.

Among the causes ranked six through ten, there was only one change in the order from the 1982 list. Diabetes mellitus and pneumonia/influenza exchanged places. In 1983, pneumonia/influenza became the sixth leading cause while diabetes mellitus dropped from sixth into seventh place.

LEADING CAUSES OF DEATH BY AGE:

For children under 5 years of age, deaths in 1983 were due mainly to perinatal/early infancy conditions (43 percent), congenital anomalies/birth defects (21.9 percent) and accidents (6.3 percent).

For persons 5-24 years of age, accidents caused one-half of all deaths. Motor vehicle accidents alone accounted for 34.9 percent of the deaths, suicide for 12.2 percent, malignant neoplasms for 8.6 percent and homicide for 8.4 percent.

Approximately 21 percent of the deaths of persons 25-44 years of age were from accidents; 19.4 percent were from malignant neoplasms, 16.5 percent from heart disease and 10.6 percent from suicide.

For the age group 45-64, nearly 70 percent of the deaths were due to heart disease (35.2) and malignant neoplasms (34.4), with cerebrovascular disease a distant third at 3.8 percent.

Heart disease accounted for over 43 percent of deaths for persons 65-84 years of age, malignant neoplasms over 23 percent and cerebrovascular disease for 7.5 percent.

For the age group 85 years and over, 52.2 percent of the deaths were from heart disease, 10.7 percent from malignant neoplasms, 10.3 percent from cerebrovascular disease and 4.4 percent from pneumonia and influenza.

LEADING CAUSES OF DEATH BY SEX:

Over 1,300 males died as a result of motor vehicle accidents, compared to 502 females. Other causes with significant sex differences include suicide (1,018 males versus 322 females), homicide (450 males and 163 females) and pneumoconiosis (598 males and 4 females). There are no female-dominated causes with such dramatic sex difference, although females do outnumber males in causes such as cerebrovascular disease, diabetes mellitus, and atherosclerosis. It is interesting to note that the causes mainly associated with males are all external causes of injury and poisoning, with the exception of pneumoconiosis which is an occupational disease. On the other hand, the female-related causes are all chronic diseases mainly associated with the elderly.

LEADING CAUSES OF DEATH BY RACE:

Over 42 percent of all whites died from heart disease, compared to just over 28 percent of all other races. The proportions dying from malignant neoplasms were similar—22.2 percent for whites and 22.3 percent for all others. Among races other than white aged 5-44, the leading cause was homicide; for whites in these ages, the leading cause was accidents. For the age group 45-64, the leading cause of death was heart disease for whites and malignant neoplasms for all other races. For all age groups, homicide, perinatal conditions, and septicemia appear in the

top ten leading causes for races other than white but not for whites. Instead, chronic obstructive pulmonary disease, atherosclerosis and suicide appear in the top ten leading causes of death among whites.

CAUSES OF DEATH BY TYPE:

Infectious and Parasitic Diseases - These deaths occurred at a rate of 12.8 per 100,000 population in 1983 compared to 11.9 in 1982 and 10.4 in 1981. Almost 77 percent of these deaths were from septicemia.

Malignant Neoplasms - The number of deaths from cancer increased slightly in 1983 from 26,483 deaths in 1982 to 26,917 in 1983. Over half of these deaths in 1983 were due to malignant neoplasms of the trachea, bronchus and lung (23.9 percent), colon (11.6 percent), female breast (9.1 percent), prostate (4.9 percent) and pancreas (4.8 percent). The death rate for malignant neoplasms (226.3 per 100,000 population) was the highest rate ever recorded in Pennsylvania. The next highest was the rate of 223.3 recorded in 1981.

Endocrine, Nutritional and Metabolic Diseases - Of the 3,268 deaths due to these diseases and immunity disorders in 1983, over 76 percent were from diabetes mellitus. The death rate for diabetes was 20 per 100,000 population compared to 20.4 in 1982 and 20.9 in 1981.

Circulatory System - The number of deaths due to these diseases increased from 60,509 in 1982 to 61,621 in 1983. Almost 55 percent of these deaths in 1983 were due to ischemic heart disease, including 18,540 deaths due to acute myocardial infarction. Another category, cerebrovascular disease, accounted for 8,384 deaths or 13.6 percent.

Respiratory System - Of the 7,872 deaths due to diseases of the respiratory system in 1983, 44.7 percent were due to chronic obstructive pulmonary disease and 33.7 percent to pneumonia and influenza. The number of deaths due to Coalworker's pneumoconiosis was 562, a decline from 1982 and 1981 when the numbers were 626 and 725, respectively.

Digestive System - The number of deaths due to diseases of the digestive system in 1983 was 4,001. Over 34 percent of these deaths were from chronic liver disease and cirrhosis.

Maternal Deaths - Deaths resulting from complications of pregnancy, childbirth and the peurperium numbered 10 or 0.6 per 10,000 live births, the third lowest number and rate ever recorded in the State. The lowest number and rate occurred in 1981 (7 and 0.4). In 1982, there were 8 maternal deaths or 0.5 per 10,000 live births, the second lowest number and rate.

External Causes of Injury and Poisoning - Of the 6,263 deaths in 1983 due to these causes, 66.2 percent were accidents. Slightly less than half of the accidents were motor vehicle accidents. The next highest number of deaths in this category were suicides—1,340 or 11.3 per 100,000 population. Accidental falls accounted for 654 deaths and had a rate of 5.5 per 100,000 population. Homicides decreased from 706 in 1982 to 611 (5.1 per 100,000 population) in 1983, the lowest number and rate since 1969.

INFANT DEATHS:

There were 1,764 infant deaths in 1983 for a rate of 11.2 per 1,000 live births, which is the lowest infant death rate ever recorded. Nearly seventy percent of these deaths occurred in the first 27 days of life. The previous record low rate and number occurred in 1982 (11.5 and 1,853). The low rate can be mainly accounted for by the decline in the number of infants succumbing to certain conditions originating in the perinatal period—879 in 1983 compared to 1,194 in 1980.

The cause of deaths for infants varied according to the age at death. For neonatal deaths (less than 28 days), 67.9 percent were the result of perinatal conditions and 25.2 percent from congenital anomalies/birth defects. For postneonatal deaths (28-364 days), 35.7 percent were due to sudden infant death syndrome and 20.4 percent to congenital anomalies.

Of the 879 infant deaths due to perinatal conditions, 30.5 percent resulted from respiratory distress syndrome and other respiratory conditions of the newborn and 18.8 percent from disorders relating to short gestation and low birthweight.

FETAL DEATHS:

The fetal death rate in 1983 was 19.9 per 1,000 deliveries, the third lowest rate since 1968. The lowest rate occurred in 1981 (18.8). Almost 40 percent were induced pregnancy terminations.

Of the 1,970 fetal deaths excluding induced terminations, 33.2 percent were due to complications of the placenta, cord and membranes; 13.7 percent to maternal conditions and complications of pregnancy; and 11.1 percent to disorders relating to short gestation and low birthweight.

PENNSYLVANIA - U.S. DEATH RATES:

Pennsylvania's death rates due to heart disease and malignant neoplasms throughout the period 1950-1983 as compared to the rates for the United States are consistently higher. Pennsylvania had the third highest median age in the 1980 census among states. Such an older age distribution would be a major factor contributing to these higher rates for heart disease and cancer. However, when comparing homicide, suicide and accidental death rates for the same period, Pennsylvania's rates are consistently lower, especially for homicide. Comparison of death rates for pneumonia and influenza indicate very similar figures over these years. For all six causes, the trends over the thirty-four year period were similar.

DEATHS BY TYPE AND AGE:

Heart Disease - As can be expected, over 55 percent of these deaths were attributed to those 75 years of age and older. However, there were 70 deaths to children under 5 years old compared to 11 for the 5-14 year age group and 60 for the 15-24 year olds. Of those 70 deaths, 58 were infants.

Malignant Neoplasms - Nearly 30 percent of the cancer deaths to persons 24 years old and under were due to leukemia. The major site for cancer of those aged 25-44 was the bone, tissue, skin and breast. Malignant neoplasms of the digestive and respiratory systems were the major types of cancer for persons aged 45-74 years. Among those 75 and over, in addition to cancers of the digestive and respiratory system, malignant neoplasms of the genitourinary system also became predominant.

Accidents - Nearly 44 percent of all accidental deaths were motor vehicle accidents. From age 5-74, motor vehicle accidents were the leading type of fatal accident. For children under five, the most prevalent type was submersion/suffocation, followed by fires. For the elderly, 75 years of age and over, falls were the leading cause of accidental death.

HEALTH SERVICE AREAS

Among the nine areas, the death rate per 1,000 population varied from 8.6 in Southcentral Pennsylvania to 12.3 in Northeast Pennsylvania. Southeastern Pennsylvania had the highest neonatal death rate (9.0 per 1,000 live births), while NY-PENN had the lowest (4.6). Infant death rates ranged from 13.2 per 1,000 live births in Southeastern Pennsylvania to 7.9 in Eastern Pennsylvania.

Northeast Pennsylvania with a death rate of 558.7 per 100,000 population from heart disease was more than one-third higher than the state rate of 418.5 in 1983. The next highest were the Keystone and Southwestern Pennsylvania areas with rates approximately 11 percent higher than the State. NY-PENN and Southcentral had rates about 13 percent lower than the state rate.

Northeast Pennsylvania also had the highest death rate from malignant neoplasms in 1983 among the nine health service areas—13.1 percent higher than the state rate. Southcentral Pennsylvania had a rate approximately 18 percent lower tnan the state rate. The next lowest were NY-PENN and Central areas with rates approximately 12 percent lower than the State.

The death rate for diabetes mellitus in Northeast Pennsylvania and Keystone area were 29.7 and 26.4, respectively, compared to the state rate of 21.0. The NY-PENN area had the lowest rate among the health service areas—14.7.

Two areas accounted for relatively high motor vehicle accidental death rates; Central Pennsylvania and Northwestern Pennsylvania had rates of 18.6 and 18.5, respectively. Both rates were approximately 22 percent higher than the state rate of 15.2. Only one area had a rate that fell below the state rate - Southeastern. One other, Southwestern, matched the state rate of 15.2.

Eastern area had the highest rate for suicide deaths—12.6 per 100,000 population, compared to the state rate of 11.3. NY-PENN and Northeastern Pennsylvania had the lowest rates among the health service areas—9.2 and 9.3, respectively. Southeast Pennsylvania had by far the highest homicide death rate (10.5) with the next highest being Southwest area with a rate of 3.4.

COUNTIES

County by county comparisons should be made very cautiously. For example, Sullivan County had the highest death rate and Centre County the lowest among the 67 counties. Sullivan is a very small county and, therefore, prone to broad fluctuations in rates. (In 1982, Sullivan had the sixth highest death rate.) Centre County has the lowest median age in the State, which usually results in very low total death rates.

The highest infant and neonatal death rates were in Forest County which had only one death. This is another example of the problems with small area comparisons. See the "Reliability of Rates" section of the Technical Notes in the back of this report for more discussion of small area data analysis.

Three counties--Lackawanna, Luzerne, and Schuylkill--accounted for almost 70 percent of the deaths from pneumoconiosis.

Over half of the homicide deaths in Pennsylvania in 1983 were of residents of Philadelphia.

CITIES AND BOROUGHS

Of the 26 cities and boroughs examined, Scranton, Johnstown, McKeesport and Wilkes-Barre, had the highest death rates in 1983--15.7, 15.5, 15.5 and 15.4, respectively.

West Mifflin had both the highest neonatal and infant death rates.

Chester and Harrisburg had the highest homicide death rates--31.5 and 25.4, respectively. In comparison, the rate for Philadelphia County was 19.0.

TABLE C-1
RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL AND MATERNAL DEATHS: PENNSYLVANIA, 1950-1983

YEAR	TOTAL DEATHS NUMBER	LIVE BIRTHS NUMBER	FETAL DEATHS NUMBER	INFANT DEATHS NUMBER	NEONATAL DEATHS NUMBER	MATERNAL DEATHS NUMBER
1983	121,066	157,810	3,198	1,764	1,229	10
1982	118,450	161,561	3,193	1,853	1,320	8
1981	119,612	160,179	3,061	1,902	1,357	7
1980	123,233	158,670	3,455	2,095	1,529	12
1979	117,097	157,533	3,608	2,118	1,548	12
1978	119,279	151,438	4,034	2,031	1,540	15
1977	118,853	153,415	4,058	2,137	1,608	19
1976	120,862	148,004	4,349	2,276	1,746	26
1975	120,459	148,942	3,848	2,423	1,855	10
1974	122,943	151,458	4,372	2,584	2,013	11
1973	126,483	153,272	4,229	2,607	1,980	21
1972	127,136	163,110	3,768	2,912	2,244	20
1971	126,597	180,939	4,079	3,314	2,548	36
1970	126,564	192,154	4,495	3,879	3,027	40
1969	126,704	185,046	3,668	3,865	3,003	37
1968	130,802	185,729	3,539	4,015	3,154	33
1967	125,494	188,706	3,589	4,158	3,261	48
1966	126,820	195,869	3,765	4,323	3,354	50
1965	125,670	204,105	3,922	4,737	3,592	44
1964	123,845	218,515	4,258	5,029	3,869	62
1963	126,199	221,537	4,329	5,178	3,979	69
1962	122,989	226,393	4,398	5,370	4,135	60
1961	120,543	240,172	4,646	5,639	4,357	71
1960	121,163	241,099	4,525	5,921	4,557	76
1959	119,206	246,615	4,666	6,145	4,725	71
1958	118,360	249,810	4,901	6,360	4,918	86
1957	118,734	254,997	4,977	6,240	4,785	78
1956	114,578	248,019	4,861	6,086	4,667	90
1955	113,458	242,591	4,939	5,962	4,649	94
1954	108,783	245,521	4,931	6,123	4,686	103
1953	112,574	239,206	4,321	6,147	4,640	132
1952	111,156	239,964	4,584	6,273	4,589	147
1951	111,426	235,074	4,596	6,117	4,618	151
1950	110,212	221,635	4,418	6,126	4,578	170

TABLE C-2
RATES FOR RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL AND MATERNAL DEATHS: PENNSYLVANIA AND UNITED STATES, 1950-1983

YEAR	TOTAL DEATH RATE*		LIVE BIRTH RATE*		FETAL DEATH RATE*		INFANT DEATH RATE*		NEONATAL DEATH RATE*		MATERNAL DEATH RATE*	
	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.
1983	10.2	8.6**	13.3	15.5**	19.9	***	11.2	10.9**	7.8	7.3**	0.6	0.8**
1982	10.0	8.5	13.6	15.9	19.4	***	11.5	11.5	8.2	7.7	0.5	0.8
1981	10.1	8.6	13.5	15.8	18.8	***	11.9	11.9	8.5	8.0	0.4	0.9
1980	10.4	8.8	13.4	15.9	21.3	***	13.2	12.6	9.6	8.5	0.8	0.9
1979	10.0	8.7	13.4	15.9	22.4	***	13.4	13.1	9.8	8.9	0.8	1.0
1978	10.2	8.8	12.9	15.3	25.9	***	13.4	13.8	10.2	9.5	1.3	1.0
1977	10.0	8.8	13.0	15.4	25.8	***	13.9	14.1	10.4	9.9	1.2	1.1
1976	10.2	8.9	12.5	14.8	28.5	***	15.4	15.2	11.8	10.9	1.8	1.2
1975	10.2	8.9	12.6	14.8	25.2	***	16.3	16.1	12.5	11.6	0.7	1.3
1974	10.4	9.2	12.8	14.9	28.1	***	17.1	16.7	13.3	12.3	0.7	1.5
1973	10.6	9.4	12.9	14.9	26.9	***	17.0	17.7	12.9	13.0	1.4	1.5
1972	10.7	9.4	13.7	15.6	22.6	***	17.9	18.5	13.8	13.6	1.2	1.9
1971	10.7	9.3	15.1	17.2	22.0	***	18.3	19.1	14.1	14.2	2.0	1.9
1970	10.7	9.5	16.3	18.4	22.9	***	20.2	20.0	15.8	15.1	2.1	2.2
1969	10.7	9.5	15.7	17.9	19.4	***	20.9	20.9	16.2	15.6	2.0	2.2
1968	11.1	9.7	15.8	17.6	18.7	***	21.6	21.8	17.0	16.1	1.8	2.5
1967	10.8	9.4	16.2	17.8	18.7	***	22.0	22.4	17.3	16.5	2.5	2.8
1966	10.9	9.5	16.8	18.4	18.9	***	22.1	23.7	17.1	17.2	2.5	2.9
1965	10.9	9.4	17.7	19.4	18.9	***	23.2	24.7	17.6	17.7	2.2	3.2
1964	10.8	9.4	19.1	21.1	19.1	***	23.0	24.8	17.7	17.9	2.8	3.3
1963	11.0	9.6	19.4	21.7	19.2	***	23.4	25.2	17.5	18.2	3.1	3.6
1962	10.8	9.5	19.9	22.4	19.1	***	23.7	25.3	18.2	18.3	2.7	3.5
1961	10.5	9.3	20.9	23.3	19.0	***	23.5	25.3	18.1	18.4	3.0	3.7
1960	10.7	9.5	21.3	23.7	18.4	***	24.6	26.0	18.9	18.7	3.2	3.7
1959	10.5	9.4	21.8	24.2	18.6	***	24.9	26.4	19.2	19.0	2.9	3.7
1958	10.7	9.5	22.5	24.5	19.2	***	25.5	27.1	19.7	19.5	3.4	3.8
1957	10.6	9.6	22.8	25.3	19.1	***	24.5	26.3	18.8	19.1	3.1	4.1
1956	10.3	9.4	22.3	25.2	19.2	***	24.5	26.0	18.8	18.9	3.6	4.1
1955	10.2	9.3	21.8	25.0	20.0	***	24.6	26.4	19.2	19.1	3.9	4.7
1954	10.0	9.2	22.5	25.3	19.7	***	24.9	26.6	19.1	19.1	4.2	5.2
1953	10.4	9.6	22.1	25.1	17.7	***	25.7	27.8	19.4	19.6	5.5	6.1
1952	10.4	9.6	22.4	25.1	18.7	***	26.1	28.4	19.1	19.8	6.1	6.8
1951	10.5	9.7	22.2	24.9	19.2	***	26.0	28.4	19.6	20.0	6.4	7.5
1950	10.5	9.6	21.1	24.1	19.5	***	27.6	29.2	20.6	20.5	7.7	8.3

* TOTAL DEATH AND LIVE BIRTH RATES PER 1,000 POPULATION,
FETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS),
INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS,
MATERNAL DEATH RATE PER 10,000 LIVE BIRTHS.

** PROVISIONAL DATA.

***COMPARABLE UNITED STATES FETAL DEATH RATES ARE NOT AVAILABLE.

FIGURE C-1
DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1983

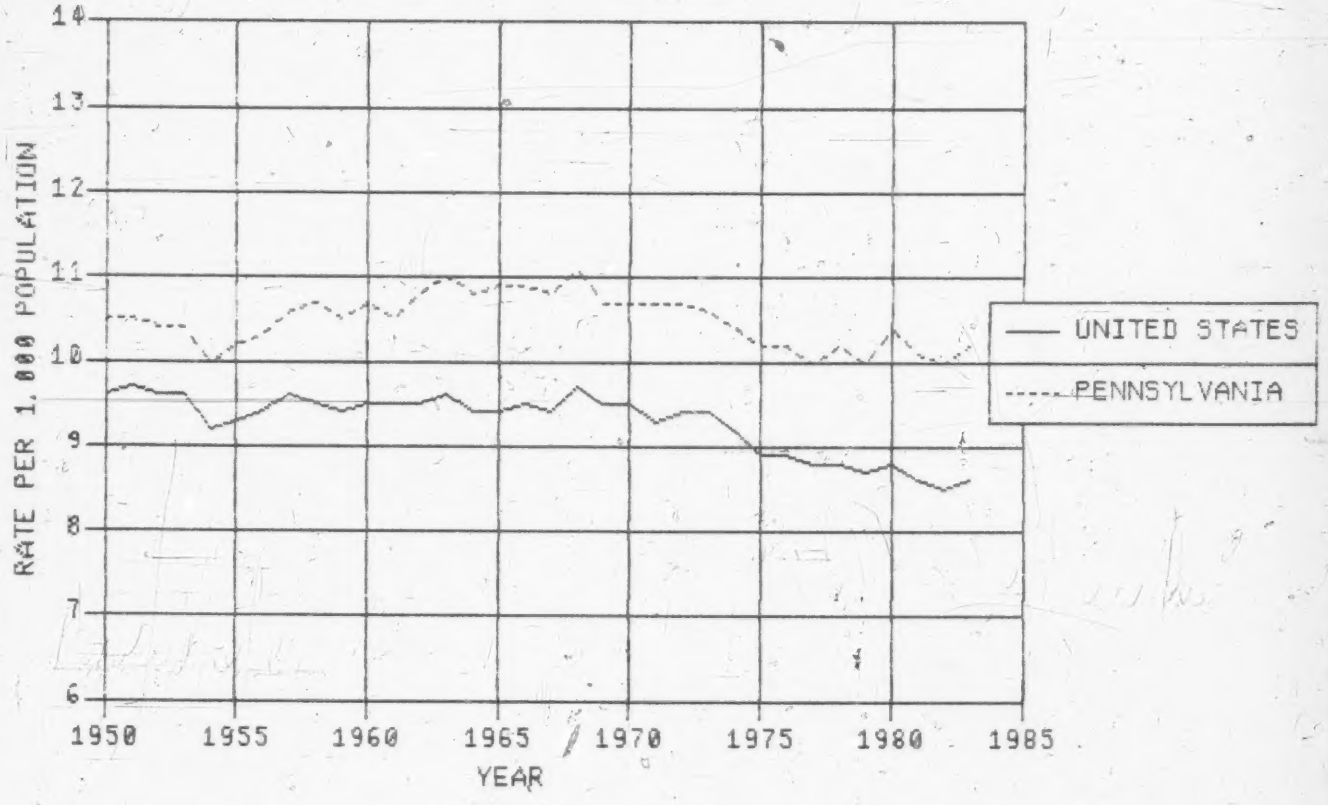


FIGURE C-2
INFANT DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1983

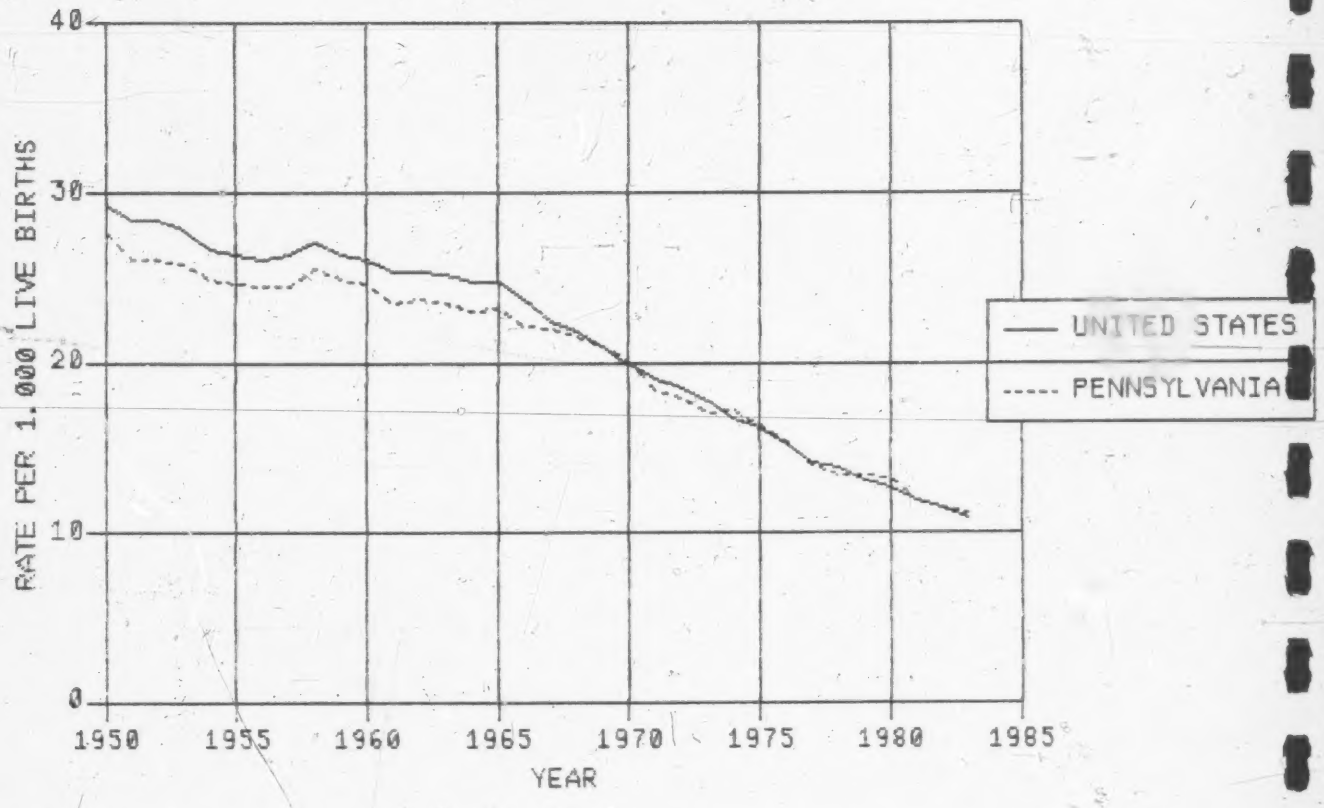


FIGURE C-3
NEONATAL DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1983

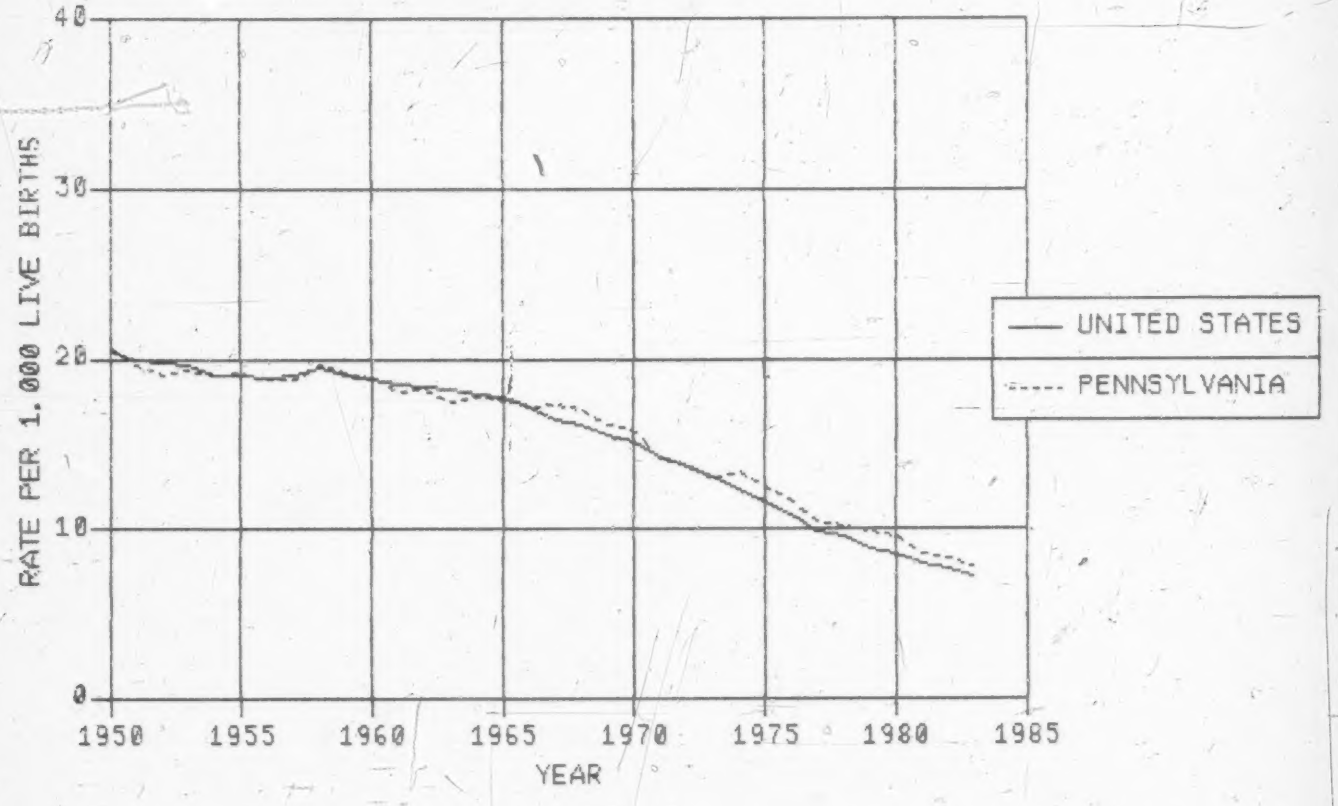


TABLE C-3
LEADING CAUSES OF DEATH:
PENNSYLVANIA, 1983, 1980, 1970, 1960, 1950, 1940, 1930

CAUSE OF DEATH	CODE NUMBER*	1983	RANK	1980	RANK	1970	RANK	1960	RANK	1950	RANK	1940	RANK	1930	RANK
ALL CAUSES		121,066		123,233		126,564		121,163		110,212		111,977		111,606	
HEART DISEASE	390-398, 402,404-429	49,780	1	50,677	1	52,476	1	51,431	1	43,793	1	38,333	1	23,511	1
NEOPLASMS, MALIGNANT	140-208	26,917	2	26,040	2	22,013	2	19,612	2	16,326	2	13,055	2	9,674	4
CEREBROVASCULAR DIS.	430-436	8,388	3	9,539	3	12,573	3	12,632	3	11,043	3	8,857	4	8,619	5
ACCIDENTS, ALL FORMS	800-949	4,147	4	4,586	4	5,336	4	4,866	4	5,697	4	7,206	5	8,337	6
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	490-496	3,521	5	3,263	5	**		**		**		**		**	
PNEUMONIA AND INFLUENZA	480-487	2,651	6	2,869	6	3,466	5	3,889	5	3,116	6	6,712	6	11,285	2
DIABETES MELLITUS	250	2,502	7	2,599	7	2,819	6	2,779	8	2,418	10	3,617	9	2,159	9
ATHERO-SCLEROSIS	440	1,451	8	1,837	8	2,320	8	2,899	7	2,723	7	**		**	
LIVER DIS. & CIRRHOSIS	571	1,371	9	1,625	9	1,846	9	1,321	9	1,099		950		919	
SUICIDE	950-959	1,340	10	1,317	10	1,337	10	1,099		1,001		1,312		1,370	
NEPHRITIS & NEPHROSIS	580-589	1,298		1,109		530		938		2,498	8	9,728	3	9,880	3
PERINATAL CONDITIONS	760-779	891		1,194		2,391	7	3,820	6	3,835	5	3,679	8	4,845	8
CONGENITAL ANOMALIES	740-759	606		661		984		1,266	10	1,177		1,119		1,404	10
TUBERCULOSIS, ALL FORMS	010-018	84		123		414		902		2,474	9	4,252	7	5,969	7
SYPHILIS & SEQUELAE	090-097	8		9		36		242		402		1,325	10	1,223	
ALL OTHER		16,115		15,785		18,023		13,466		12,603		15,788		21,909	

*INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**DATA NOT AVAILABLE.

FIGURE C-4
DEATHS, PERCENT BY FIVE LEADING CAUSES: PENNSYLVANIA, 1983

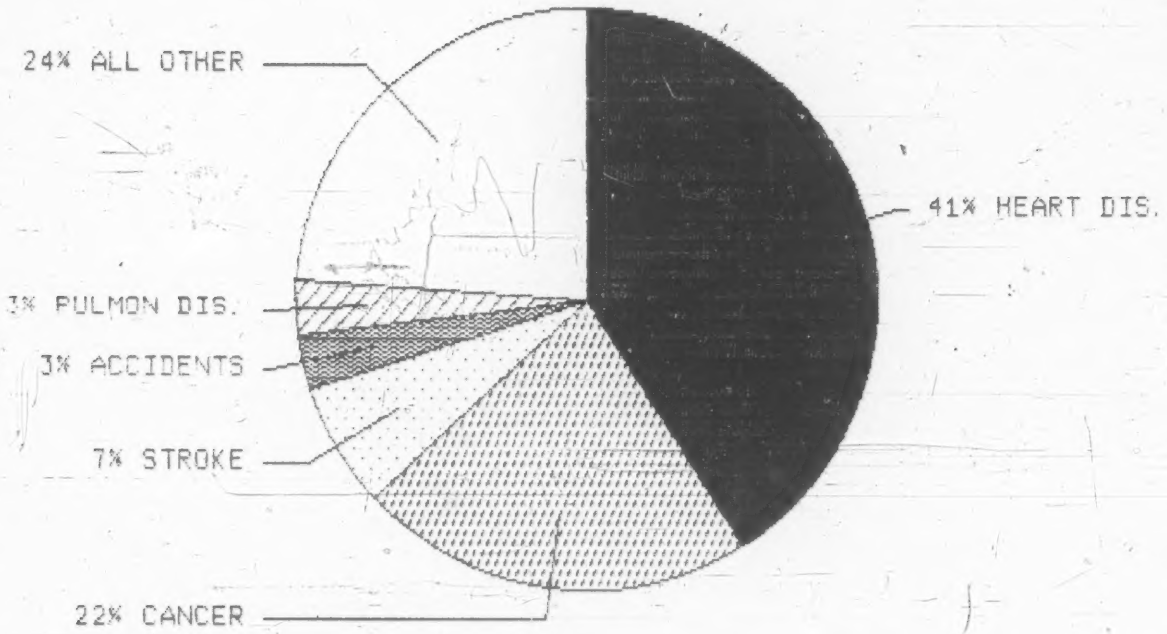


FIGURE C-5

VITAL EVENTS SUMMARY CHART

The following figures represent an average day of vital events in 1983 for Pennsylvania's residents:

ESTIMATED POPULATION 07/01/83	11,894,700	
MARRIAGES	252	Per Day
DIVORCES	110	Per Day
BIRTHS	432	Per Day
DEATHS	332	Per Day
BY AGE *		
Less than 28 Days	3	Per Day
28-364 Days	1	Per Day
1-19 Years	3	Per Day
20-34 Years	8	Per Day
35-49 Years	13	Per Day
50-64 Years	60	Per Day
65-74 Years	84	Per Day
75 and Over	157	Per Day
BY CAUSE*		
Heart Disease	136	Per Day
Cancer	74	Per Day
Cerebrovascular Disease	23	Per Day
Accidents, All Forms	11	Per Day
Motor Vehicle	5	Per Day
Other	6	Per Day
Chronic Obstructive Pulmonary Disease	10	Per Day
Pneumonia and Influenza	7	Per Day
Diabetes Mellitus	7	Per Day
All Other Causes	63	Per Day

*Columns do not equal total deaths per day due to rounding.

TABLE C-4
RESIDENT DEATHS BY AGE GROUP, NUMBER AND RATE:
PENNSYLVANIA, 1983, 1980, 1970, 1960, 1950, 1940

AGE GROUP (IN YEARS)	1983		1980		1970		1960		1950		1940	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AGES	121,066	10.2	123,233	10.4	126,564	10.7	121,163	10.7	110,212	10.5	111,977	11.3
UNDER 1	1,764	11.0	2,095	13.2	3,878	21.3	5,921	25.2	6,126	31.5	7,404	55.1
1-4	292	0.5	340	0.6	552	0.7	825	0.9	981	1.2	1,341	2.3
5-9	148	0.2	222	0.3	468	0.6	482	0.4	459	0.5	792	1.0
10-14	175	0.2	229	0.2	424	0.4	378	0.4	392	0.5	833	0.9
15-19	646	0.6	879	0.8	945	0.9	588	0.7	645	0.9	1,359	1.4
20-24	977	0.9	1,251	1.2	1,104	1.3	620	1.0	961	1.2	1,832	2.0
25-29	1,010	1.0	1,058	1.1	863	1.2	674	1.0	1,187	1.4	2,068	2.5
30-34	996	1.1	1,069	1.3	934	1.5	1,026	1.3	1,499	1.8	2,346	3.1
35-39	1,158	1.5	1,154	1.7	1,398	2.2	1,809	2.2	2,109	2.6	2,925	4.2
40-44	1,533	2.4	1,573	2.7	2,625	3.5	2,829	3.6	3,244	4.5	4,001	6.1
45-49	2,228	3.8	2,714	4.5	4,372	5.6	4,464	6.0	4,632	7.3	5,854	9.2
50-54	4,071	6.3	4,868	7.0	6,630	9.0	6,354	9.8	6,514	10.9	7,809	13.9
55-59	7,324	10.6	7,826	11.0	9,412	14.3	8,488	14.9	9,235	17.2	9,320	20.5
60-64	10,624	16.5	11,226	17.7	12,115	21.6	11,863	24.1	11,760	26.0	11,150	30.3
65-69	14,073	25.9	14,375	26.8	14,393	32.6	15,255	35.4	13,617	37.6	12,688	44.4
70-74	16,621	39.2	16,533	40.6	16,871	48.3	17,124	52.6	14,282	57.5	13,129	66.4
75 & OVER**	57,426	92.3	55,817	95.1	49,580	104.1	42,463	114.0	32,569	118.0	27,126	139.7

* RATE PER 1,000 POPULATION IN EACH AGE GROUP.
**UNKNOWN AGES AT DEATH ARE INCLUDED IN THE 75 & OVER AGE GROUP.

TABLE C-5A
LEADING CAUSES OF DEATH BY AGE GROUP, BOTH SEXES
NUMBER AND RANK: PENNSYLVANIA, 1983

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	121,066		2,056		1,946		4,697		24,247		64,406		23,712	
HEART DISEASE	49,780	1	70	4	71	5	774	3	8,542	1	27,951	1	12,372	1
MALIGNANT NEOPLASMS	26,917	2	28	5	167	3	912	2	8,344	2	14,935	2	2,531	2
CEREBROVASCULAR DISEASE	6,384	3	9		11	10	146	7	951	3	4,814	3	2,453	3
ACCIDENTS, ALL FORMS	4,147	4	130	3	971	1	988	1	685	4	996	7	377	8
NON-MOTOR VEHICLE	2,335		98		291		451		405		755		357	
MOTOR VEHICLE	1,812		32		680		537		280		243		20	
CHRONIC OBSTRUCT. PULMONARY DIS.	3,521	5	5		14	9	26		588	6	2,447	4	441	6
PNEUMONIA & INFLUENZA	2,651	6	27	7	15	8	58	9	224	9	1,291	6	1,036	4
DIABETES MELLITUS	2,502	7	0		3		79	8	520	7	1,511	5	389	7
ATHEROSCLEROSIS	1,451	8	0		0		3		52		628	10	768	5
LIVER DISEASE & CIRRHOSIS	1,371	9	1		2		151	6	652	5	546		19	
SUICIDE	1,340	10	0		237	2	499	4	370	8	221		13	
NEPHRITIS, NEPHROSIS, ETC.	1,298		21	9	3		27		176	10	739	8	334	9
SEPTICEMIA	1,171		12	10	6		20		173		679	9	281	10
AORTIC ANEURYSM	904		0		1		9		146		610		138	
PERINATAL CONDITIONS	891		884	1	1		0		1		0		5	
HOMICIDE	613		28	5	164	4	268	5	106		44		3	
CONGENITAL ANOMALIES	606		450	2	44	6	34		35		37		6	
PNEUMOCONIOSIS	602		0		0		0		57		483		62	
HYPERTENSION	465		1		0		8		79		271		104	
BENIGN/UNSPECIFIED NEOPLASMS	439		3		6		21		107		245		57	
ULCERS OF STOMACH/DUODENUM	327		1		0		9		44		189		84	
HERNIA/INTESTINAL OBSTRUCTION	262		8		0		5		29		143		97	
PARKINSONS DISEASE	269		0		0		0		17		204		48	
ANEMIAS	166		3		11	10	9		24		94		45	
NUTRITIONAL DEFICIENCIES	166		0		0		2		11		76		77	
GALL BLADDER DISORDERS	153		0		0		3		21		84		45	
ALCOHOLISM	149		0		2		36	10	77		33		1	
DISEASES OF PANCREAS	124		0		0		13		35		60		16	
VENOUS EMBOLISM & THROMBOSIS	114		0		1		0		26		62		14	
MULTIPLE SCLEROSIS	91		0		1		19		50		20		1	
TUBERCULOSIS	84		0		0		9		20		42		13	
EPILEPSY	81		0		17	7	24		26		13		1	
INFECTIONS OF KIDNEY	63		0		1		0		2		42		18	
MENINGITIS	62		22	8	3		5		10		17		5	
ALL OTHER CAUSES	9,862		353		192		534		2,049		4,861		1,853	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-5B
LEADING CAUSES OF DEATH BY AGE GROUP-MALES
NUMBER AND RANK: PENNSYLVANIA, 1983

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	62,611		1,149		1,428		3,090		15,111		33,721		6,112	
HEART DISEASE	25,004	1	40	4	52	5	593	2	5,995	1	14,392	1	3,932	1
MALIGNANT NEOPLASMS	14,279	2	17	5	101	4	382	3	4,545	2	8,176	2	1,058	2
CEREBROVASCULAR DISEASE	3,338	3	5		6		66	7	506	3	2,078	3	666	3
ACCIDENTS, ALL FORMS	2,776	4	82	3	749	1	764	1	483	4	542	7	156	7
NON-MOTOR VEHICLE	1,466		59		229		336		294		406		142	
MOTOR VEHICLE	1,310		23		520		428		189		136		14	
CHRONIC OBSTRUCT. PULMONARY DIS.	2,330	5	4		9	7	12		394	6	1,618	4	293	5
PNEUMONIA & INFLUENZA	1,349	6	16	6	8	9	40	8	150	9	696	5	439	4
DIABETES MELLITUS	970	8	0		1		40	8	266	8	562	6	101	9
ATHEROSCLEROSIS	526		0		0		1		34		274		217	6
LIVER DISEASE & CIRRHOSIS	673	9	1		1		106	6	423	5	335		7	
SUICIDE	1,048	7	0		198	2	373	4	272	7	165		10	
NEPHRITIS, NEPHROSIS, ETC.	617	10	15	7	1		12		88		362	10	139	8
SEPTICEMIA	520		5		2		11		99		310		93	10
AORTIC ANEURYSM	615		0		1		8		115	10	430	9	59	
PERINATAL CONDITIONS	491		486	1	0		0		0		6		2	
HOMICIDE	450		13	9	126	3	207	5	78		25		1	
CONGENITAL ANOMALIES	321		241	2	34	6	17		19		11		2	
PNEUMOCONIOSIS	598		0		0		0		56		480	8	62	
HYPERTENSION	225		1		0		6		47		134		35	
BENIGN/UNSPECIFIED NEOPLASMS	201		2		5		16		56		105		17	
ULCERS OF STOMACH/DUODENUM	161		0		0		5		28		94		34	
HERNIA/INTESTINAL OBSTRUCTION	116		6	10	0		1		15		60		34	
PARKINSONS DISEASE	136		0		0		0		10		109		17	
ANEMIAS	70		2		7	10	7		4		41		17	
NUTRITIONAL DEFICIENCIES	66		0		0		1		4		41		20	
GALL BLADDER DISORDERS	70		0		0		0		12		37		21	
ALCOHOLISM	124		0		2		30	10	60		31		1	
DISEASES OF PANCREAS	72		0		0		10		25		33		4	
VENOUS EMBOLISM & THROMBOSIS	51		0		1		3		17		27		3	
MULTIPLE SCLEROSIS	32		0		0		9		17		6		0	
TUBERCULOSIS	58		0		0		5		15		27		11	
EPILEPSY	53		0		9	7	18		20		6		0	
INFECTIONS OF KIDNEY	26		0		0		0		1		16		9	
MENINGITIS	37		14	8	2		3		6		9		3	
ALL OTHER CAUSES	5,039		197		116		342		1,251		2,489		644	

* UNKNOWN AGE INCLUDED IN THE 65 YEARS AND OVER AGE GROUP.

TABLE C-5C
LEADING CAUSES OF DEATH BY AGE GROUP-FEMALES
NUMBER AND RANK: PENNSYLVANIA, 1983

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	58,455		907		518		1,607		9,136		30,687		15,600	
HEART DISEASE	24,770	1	30	4	19	5	161	3	2,547	2	13,559	1	8,440	1
MALIGNANT NEOPLASMS	12,658	2	11	6	66	2	530	1	3,799	1	6,759	2	1,473	3
CEREBROVASCULAR DISEASE	5,053	3	4		5	9	78	5	445	3	2,756	3	1,765	2
ACCIDENTS, ALL FORMS	1,371	5	48	3	222	1	224	2	202	6	454	7	221	7
NON-MOTOR VEHICLE	669		39		62		95		111		347		215	
MOTOR VEHICLE	502		9		160		129		91		107		6	
CHRONIC OBSTRUCT. PULMONARY DIS.	1,191	7	1		5	9	14		194	7	829	5	148	10
PNEUMONIA & INFLUENZA	1,302	6	11	6	7	8	16	9	74	10	595	6	597	4
DIABETES MELLITUS	1,532	4	0		2		39	8	254	4	949	4	488	6
ATHEROSCLEROSIS	925	8	0		0		2		18		354	10	551	5
LIVER DISEASE & CIRRHOSIS	496		0		1		45	7	229	5	211		12	
SUICIDE	522		0		39	3	126	4	98	8	56		3	
NEPHRITIS, NEPHROSIS, ETC.	881	9	6	10	2		15		66	9	377	8	195	8
SEPTICEMIA	651	10	7	9	4		9		74	10	369	9	188	9
AORTIC ANEURYSM	291		0		0		1		31		180		79	
PERINATAL CONDITIONS	400		396	1	1		0		1		0		2	
HOMICIDE	163		15	5	38	4	61	6	28		19		2	
CONGENITAL ANOMALIES	265		209	2	13	6	17	10	16		26		4	
PNEUMOCONIOSIS	4		0		0		0		1		3		0	
HYPERTENSION	240		0		0		2		32		137		69	
BENIGN/UNSPECIFIED NEOPLASMS	238		1		3		5		51		138		40	
ULCERS OF STOMACH/DUODENUM	166		1		0		4		16		95		50	
HERNIA/INTESTINAL OBSTRUCTION	166		2		0		4		14		83		63	
PARKINSONS DISEASE	131		0		0		0		7		95		29	
ANEMIAS	106		1		4		2		20		53		26	
NUTRITIONAL DEFICIENCIES	102		0		0		1		7		37		57	
GALL BLADDER DISORDERS	63		0		0		3		9		47		24	
ALCOHOLISM	25		0		0		6		17		2		0	
DISEASES OF PANCREAS	52		0		0		3		10		27		12	
VENOUS EMBOLISM & THROMBOSIS	60		0		0		3		9		25		16	
MULTIPLE SCLEROSIS	59		0		1		10		33		14		1	
TUBERCULOSIS	26		0		0		4		5		15		2	
EPILEPSY	26		0		8	7	6		6		7		1	
INFECTIONS OF KIDNEY	37		0		1		0		1		26		9	
MENINGITIS	25		8	8	1		2		4		8		2	
ALL OTHER CAUSES	4,623		156		76		192		798		2,392		1,209	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-5D
LEADING CAUSES OF DEATH BY AGE GROUP-WHITE POPULATION
NUMBER AND RANK: PENNSYLVANIA, 1983

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	110,295		1,551		1,664		3,745		21,141		59,551		22,643	
HEART DISEASE	46,746	1	47	4	61	5	658	3	7,761	1	26,316	1	11,903	1
MALIGNANT NEOPLASMS	24,517	2	26	5	146	3	789	2	7,423	2	13,743	2	2,390	2
CEREBROVASCULAR DISEASE	7,095	3	6		9	9	105	6	767	3	4,446	3	2,362	3
ACCIDENTS, ALL FORMS	3,702	4	96	3	907	1	858	1	582	4	904	7	355	8
NON-MOTOR VEHICLE	2,003		69		282		338		327		672		335	
MOTOR VEHICLE	1,699		27		645		520		255		232		20	
CHRONIC OBSTRUCT. PULMONARY D.S.	3,534	5	3		7	10	17		543	5	2,334	4	425	6
PNEUMONIA & INFLUENZA	2,451	6	18	6	12	8	45	9	190	9	1,184	6	1,002	4
DIABETES MELLITUS	2,256	7	0		2		56	8	443	7	1,382	5	371	7
ATHEROSCLEROSIS	1,540	8	0		0		3		47		591	10	749	5
LIVER DISEASE & CIRRHOSIS	1,179	10	1		1		100	7	543	5	515		19	
SUICIDE	1,237	9	0		217	2	443	4	353	8	211		13	
NEPHRITIS, NEPHROSIS, ETC.	1,133		16	8	3		20		130	10	645	8	311	9
SEPTICEMIA	964		9	10	6		9		129		560		251	10
AORTIC ANEURYSM	804		0		0		8		134		593	9	134	
PERINATAL CONDITIONS	644		640	1	0		0		0		0		4	
HOMICIDE	296		14	9	66	4	115	5	62		37		2	
CONGENITAL ANOMALIES	522		394	2	33	6	29	10	25		35		6	
PNEUMOCONIOSIS	596		0		0		0		57		479		62	
HYPERTENSION	401		0		0		6		58		237		100	
BENIGN/UNSPECIFIED NEOPLASMS	414		3		6		16		99		233		57	
ULCERS OF STOMACH/DUODENUM	304		1		0		7		37		179		80	
HERNIA/INTESTINAL OBSTRUCTION	256		5		0		4		22		132		93	
PARKINSONS DISEASE	257		0		0		0		17		194		46	
ANEMIAS	162		2		6		6		20		85		43	
NUTRITIONAL DEFICIENCIES	141		9		0		1		9		67		64	
GALL BLADDER DISORDERS	143		0		0		2		17		81		43	
ALCOHOLISM	97		0		2		17		51		26		1	
DISEASES OF PANCREAS	111		0		0		12		28		57		14	
VENOUS EMBOLISM & THROMBOSIS	103		0		1		6		22		55		19	
MULTIPLE SCLEROSIS	85		0		1		16		47		20		1	
TUBERCULOSIS	59		0		0		3		10		34		12	
EPILEPSY	70		0		16	7	24		18		11		1	
INFECTIONS OF KIDNEY	57		0		1		0		2		38		16	
MENINGITIS	51		18	6	2		5		9		12		5	
ALL OTHER CAUSES	8,051		252		159		363		1,478		4,110		1,689	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-5E
LEADING CAUSES OF DEATH BY AGE GROUP, FOR RACES OTHER THAN WHITE
NUMBER AND RANK: PENNSYLVANIA, 1983

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	10,771		505		282		952		3,106		4,857		1,069	
HEART DISEASE	3,034	1	23	4	10	6	116	4	781	2	1,635	1	469	1
MALIGNANT NEOPLASMS	2,460	2	7		21	3	123	3	921	1	1,192	2	141	2
CEREBROVASCULAR DISEASE	689	3	3	9	2	10	41	7	184	3	368	3	91	3
ACCIDENTS, ALL FORMS	445	4	34	3	64	2	130	2	103	5	92	9	22	7
NON-MOTOR VEHICLE	332		29		29		93		76		81		22	
MOTOR VEHICLE	113		5		35		37		25		11		0	
CHRONIC OBSTRUCT. PULMONARY DIS.	187		2		7	7	9		45	7	108	6	16	10
PNEUMONIA & INFLUENZA	200	9	9	6	3	9	13	10	34		107	7	34	4
DIABETES MELLITUS	246	7	0		1		21	8	77	6	129	4	18	9
ATHEROSCLEROSIS	61		0		0		0		5		37	10	19	8
LIVER DISEASE & CIRRHOSIS	192	10	0		1		51	6	109	4	31		0	
SUICIDE	103		0		20	4	56	5	17		10		0	
NEPHRITIS, NEPHROSIS, ETC.	165		5	7	0		7		36	10	94	8	23	6
SEPTICEMIA	207	8	3	9	0		11		44	8	119	5	30	5
AORTIC ANEURYSM	35		0		1		1		12		17		4	
PERINATAL CONDITIONS	247	6	244	1	1		0		1		0		1	
HOMICIDE	317	5	14	5	98	1	155	1	44	8	7		1	
CONGENITAL ANOMALIES	84		56	2	11	5	5		10		2		0	
PNEUMOCONIOSIS	4		0		0		0		0		4		0	
HYPERTENSION	62		1		0		2		21		34		4	
BENIGN/UNSPECIFIED NEOPLASMS	25		0		2	10	5		8		10		0	
ULCERS OF STOMACH/DUODENUM	23		0		0		2		7		10		4	
HERNIA/INTESTINAL OBSTRUCTION	26		3	9	0		1		7		11		4	
PARKINSONS DISEASE	12		0		0		0		0		10		2	
ANEMIAS	24		1		5	8	5		4		9		2	
NUTRITIONAL DEFICIENCIES	27		0		0		1		2		11		13	
GALL BLADDER DISEASES	10		0		0		1		4		3		2	
ALCOHOLISM	52		0		0		19	9	26		7		0	
DISEASES OF PANCREAS	13		0		0		1		7		3		2	
VENOUS EMBOLISM & THROMBOSIS	11		0		0		0		4		7		0	
MULTIPLE SCLEROSIS	6		0		0		3		3		0		0	
TUBERCULOSIS	25		0		0		6		10		8		1	
EPILEPSY	11		0		1		0		8		2		0	
INFECTIONS OF KIDNEY	6		0		0		0		0		4		2	
MENINGITIS	11		4	8	1		0		1		5		0	
ALL OTHER CAUSES	1,811		101		33		171		571		771		164	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1983

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
ALL CAUSES	001-999	121,066	1017.8
INFECTIOUS AND PARASITIC DISEASES	001-139	1,524	12.8
Intestinal infectious diseases	001-009	18	0.2
Tuberculosis	010-018	84	0.7
Tuberculosis of respiratory system	010-012	70	0.6
Other tuberculosis	013-018	14	0.1
Zoonotic bacterial diseases	020-027	14	0.1
Other bacterial diseases	030-041	1,209	10.2
Septicemia	038	1,171	9.8
Other bacterial diseases	030-037,039-041	38	0.3
Poliomyelitis and other non-arthropod viral diseases of the central nervous system	045-049	14	0.1
Viral diseases accompanied by exanthem	050-057	23	0.2
Arthropod-borne viral diseases	060-066	0	-
Other diseases due to viruses and chlamydiae	070-079	34	0.3
Rickettsioses and other arthropod-borne diseases	080-086	0	-
Syphilis and other venereal diseases	090-099	9	0.1
Other spirochaetal diseases	100-104	0	-
Mycoses	110-118	40	0.3
Helminthiases	120-129	1	0.0
Other infectious and parasitic diseases	130-136	62	0.5
Late effects of infectious and parasitic diseases	137-139	16	0.1
NEOPLASMS	140-239	27,356	230.0
Malignant neoplasm of lip, oral cavity and pharynx	140-149	469	3.9
Of tongue	141	127	1.1
Of major salivary glands	142	27	0.2
Of floor of mouth	144	29	0.2
Of other and unspecified parts of mouth	140,143,145	93	0.8
Of oropharynx	146	50	0.4
Of nasopharynx	147	33	0.3
Of hypopharynx	148	41	0.3
Of other and ill-defined sites within the lip, oral cavity and pharynx	149	69	0.6
Malignant neoplasm of digestive organs and peritoneum	150-159	7,317	61.5
Of esophagus	150	537	4.5
Of stomach	151	914	7.7
Of small intestine, including duodenum	152	42	0.4
Of colon	153	3,115	26.2
Of rectum, rectosigmoid junction and anus	154	564	4.7
Of liver and intrahepatic bile ducts	155	329	2.8
Of gall bladder and extrahepatic bile ducts	156	268	2.3
Of pancreas	157	1,281	10.8
Of retroperitoneum and peritoneum	158	29	0.2
Of other and ill-defined sites within the digestive organs and peritoneum	159	238	2.0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1983 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Malignant neoplasm of respiratory and intrathoracic organs	160-165	6,729	56.6
Of nasal cavities, middle ear, and accessory sinuses	160	34	0.3
Of larynx	161	211	1.8
Of trachea, bronchus, and lung	162	6,437	54.1
Of pleura	163	23	0.2
Of thymus, heart and mediastinum	164	23	0.2
Of other and ill-defined sites within the respiratory system and intrathoracic organs	165	1	0.0
Malignant neoplasm of bone, connective tissue, and breast	170-175	3,058	25.7
Of bone and articular cartilage	170	45	0.4
Of connective and other soft tissue	171	141	1.2
Malignant melanoma of skin	172	325	2.7
Other malignant neoplasm of skin	173	85	0.7
Of female breast	174	2,443	20.5
Of male breast	175	19	0.2
Malignant neoplasm of genitourinary organs	179-189	3,767	31.7
Of uterus, part unspecified	179	189	1.6
Of cervix uteri	180	229	1.9
Of body of uterus	182	180	1.5
Of ovary and other uterine adnexa	183	636	5.3
Of other and unspecified female genital organs	184	64	0.5
Of prostate	185	1,326	11.1
Of testis	186	17	0.1
Of penis and other male genital organs	187	17	0.1
Of bladder	188	620	5.2
Of kidney and other and unspecified urinary organs	189	489	4.1
Malignant neoplasm of other and unspecified sites	190-199	3,189	26.8
Of brain and other parts of nervous system	191-192	514	4.3
Of thyroid gland	193	47	0.4
Of other endocrine glands and related structures	194	39	0.3
Of other and unspecified sites	190, 195-199	2,589	21.8
Malignant neoplasm of lymphatic and hematopoietic tissue	200-208	2,388	20.1
Lymphosarcoma and reticulosarcoma	200	298	2.5
Hodgkin's disease	201	101	0.8
Other malignant neoplasm of lymphoid and histiocytic tissue	202	572	4.8
Multiple myeloma and immunoproliferative neoplasms	203	454	3.8
Lymphoid leukemia	204	290	2.4
Myeloid leukemia	205	401	3.4
Other specified leukemia	206,207	40	0.3
Leukemia of unspecified cell type	208	232	2.0

*INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1983 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Benign neoplasms	210-229	52	0.4
Of brain and other parts of nervous system	225	31	0.3
Other benign neoplasms	210-224,226-229	21	0.2
Carcinoma in situ	230-234	0	-
Neoplasms of uncertain behavior	235-238	98	0.8
Neoplasms of unspecified nature	239	289	2.4
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS	240-279	3,268	27.5
Disorders of thyroid gland	240-246	61	0.5
Acquired hypothyroidism	244	50	0.4
Other disorders of thyroid gland	240-243,245-246	11	0.1
Diseases of other endocrine glands	250-259	2,554	21.5
Diabetes mellitus	250	2,502	20.0
Other endocrine disorders	251-259	52	0.4
Nutritional deficiencies	260-269	168	1.4
Protein-calorie malnutrition	260-263	158	1.3
Other nutritional deficiencies	264-269	10	0.1
Other metabolic disorders and immunity disorders	270-279	485	4.1
Disorders of fluid, electrolyte and acid-base balance	276	275	2.3
Obesity and other hyperalimentation	278	59	0.5
Other metabolic disorders and immunity disorders	270-275,277,279	151	1.3
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	468	3.9
Hemolytic anemias	282-283	34	0.3
Aplastic anemia	284	57	0.5
Other and unspecified anemias	285	79	0.7
Coagulation defects	286	121	1.0
Purpura and other hemorrhagic conditions	287	45	0.4
Other diseases of blood and blood-forming organs	280-281,288-289	132	1.1
MENTAL DISORDERS	290-319	747	6.3
Organic psychotic conditions	290-294	148	1.2
Senile and presenile organic psychotic conditions	290	131	1.1
Other organic psychotic conditions	291-294	17	0.1
Other psychoses	295-299	37	0.3
Neurotic disorders, personality disorders, and other nonpsychotic mental disorders	300-316	547	4.6
Alcohol dependence syndrome	303	149	1.3
Specific nonpsychotic mental disorders following organic brain damage	310	292	2.5
Other nonpsychotic mental disorders	300-302,304-309,311-316	106	0.9
Mental retardation	317-319	15	0.1

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1983 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	1,335	11.2
Inflammatory diseases of the central nervous system	320-326	98	0.8
Bacterial meningitis	320	35	0.3
Meningitis due to other and unspecified cause	321-322	27	0.2
Other inflammatory diseases of the central nervous system	323-326	36	0.3
Hereditary and degenerative diseases of the central nervous system	330-337	740	6.2
Cerebral degenerations	330-331	258	2.2
Parkinson's disease	332	269	2.3
Anterior horn cell disease	335	173	1.5
Other hereditary and degenerative diseases of the central nervous system	333-334,336-337	40	0.3
Other disorders of the central nervous system	340-349	420	3.5
Multiple sclerosis	340	91	0.8
Infantile cerebral palsy	343	18	0.2
Other paralytic syndromes	344	36	0.3
Epilepsy	345	81	0.7
Other and unspecified disorders of the nervous system	341-342,346-349	194	1.6
Disorders of the peripheral nervous system	350-359	69	0.6
Muscular dystrophies and other myopathies	359	32	0.3
Other disorders of the peripheral nervous system	350-358	37	0.3
Disorders of the eye and adnexa	360-379	3	0.0
Disorders of the ear and mastoid process	380-389	5	0.0
DISEASES OF THE CIRCULATORY SYSTEM	390-459	61,621	518.1
Active rheumatic fever	390-392	6	0.1
Chronic rheumatic heart disease	393-398	495	4.2
Diseases of mitral valve	394	185	1.6
Diseases of aortic valve	395	20	0.2
Diseases of mitral and aortic valves	396	67	0.6
Diseases of other endocardial structures	397	31	0.3
Other rheumatic heart disease	393,398	192	1.6
Hypertensive disease	401-405	1,693	14.2
Essential hypertension	401	230	1.9
Hypertensive heart disease	402	1,064	8.9
Hypertensive renal disease	403	233	2.0
Hypertensive heart and renal disease	404	166	1.4
Secondary hypertension	405	0	-
Ischemic heart disease	410-414	33,679	283.1
Acute myocardial infarction	410	18,540	155.9
Other acute and subacute form of ischemic heart disease	411	138	1.2
Old myocardial infarction	412	96	0.8
Other forms of chronic ischemic heart disease	413-414	14,905	125.3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1983 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Diseases of pulmonary circulation	415-417	847	7.1
Acute pulmonary heart disease	415	722	6.1
Chronic pulmonary heart disease	416	122	1.0
Other diseases of pulmonary circulation	417	3	0.0
Other forms of heart diseases	420-429	13,523	113.7
Acute pericarditis and other diseases of pericardium	420,423	27	0.2
Acute and subacute endocarditis	421	49	0.4
Other diseases of endocardium	424	549	4.6
Cardiomyopathy	425	792	6.7
Conduction disorders	426	48	0.4
Cardiac dysrhythmias	427	3,755	31.6
Heart failure	428	2,281	19.2
Other and ill-defined heart disease	422,429	6,022	50.6
Cerebrovascular disease	430-438	8,384	70.5
Subarachnoid hemorrhage	430	329	2.8
Intracerebral hemorrhage	431	975	8.2
Other and unspecified intracranial hemorrhage	432	103	0.9
Occlusion and stenosis of precerebral arteries	433	76	0.6
Occlusion of cerebral arteries	434	1,512	12.7
Transient cerebral ischemia	435	34	0.3
Acute but ill-defined cerebrovascular disease	436	4,444	37.4
Other and ill-defined cerebrovascular disease	437	771	6.5
Late effects of cerebrovascular disease	438	140	1.2
Diseases of arteries, arterioles, and capillaries	440-448	2,721	22.9
Atherosclerosis	440	1,451	12.2
Aortic aneurysm	441	904	7.6
Other aneurysm	442	33	0.3
Other peripheral vascular disease	443	139	1.2
Arterial embolism and thrombosis	444	92	0.8
Polyarteritis nodosa and allied conditions	446	30	0.3
Other disorders of arteries and arterioles	447	71	0.6
Diseases of capillaries	448	1	0.0
Diseases of veins and lymphatics, and other diseases of circulatory system	451-459	273	2.3
Phlebitis and thrombophlebitis	451	91	0.8
Other venous embolism and thrombosis	452-453	23	0.2
Varicose veins	454-456	36	0.3
Hypotension	458	49	0.4
Other disorders of circulatory system	457,459	74	0.6
DISEASES OF THE RESPIRATORY SYSTEM	460-519	7,872	66.2
Acute respiratory infections	460-466	36	0.3
Acute bronchitis and bronchiolitis	466	20	0.2
Other acute respiratory infections	460-465	16	0.1
Other diseases of upper respiratory tract	470-478	11	0.1
Pneumonia and influenza	480-487	2,651	22.3
Viral pneumonia	480	18	0.2
Pneumococcal pneumonia	481	87	0.7
Other bacterial pneumonia	482	86	0.7
Bronchopneumonia, organism unspecified	485	344	2.9
Pneumonia, other and unspecified	483,484,486	2,075	17.4
Influenza	487	41	0.3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1983 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Chronic obstructive pulmonary disease and allied conditions	490-496	3,521	29.6
Chronic bronchitis	491	114	1.0
Emphysema	492	593	5.0
Asthma	493	137	1.2
Bronchiectasis	494	39	0.3
Other chronic obstructive pulmonary diseases or condition	490,495-496	2,638	22.2
Pneumoconiosis and other lung diseases due to external agents	500-508	912	7.7
Coalworker's pneumoconiosis	500	562	4.7
Asbestosis and pneumoconiosis due to other silica or silicates	501-502	25	0.2
Pneumoconiosis, other and unspecified	503-505	15	0.1
Pneumonitis due to solids and liquids	507	309	2.6
Respiratory conditions due to other and unspecified external agents	506,508	6	0.1
Other diseases of respiratory system	510-519	741	6.2
Pleurisy	511	37	0.3
Abscess of lung and mediastinum	513	49	0.4
Pulmonary congestion and hypostasis	514	66	0.6
Postinflammatory pulmonary fibrosis	515	174	1.5
Other alveolar and parietoalveolar pneumopathy	516	40	0.3
Other diseases of the lung	510,512,517-518	330	2.8
Other diseases of respiratory system	519	45	0.4
DISEASES OF THE DIGESTIVE SYSTEM	520-579	4,001	33.6
Diseases of oral cavity, salivary glands and jaws	520-529	7	0.1
Diseases of esophagus, stomach and duodenum	530-537	458	3.9
Diseases of esophagus	530	75	0.6
Gastric ulcer	531	82	0.7
Duodenal ulcer	532	126	1.1
Peptic ulcer, site unspecified	533	119	1.0
Other disorders of stomach and duodenum	534-537	56	0.5
Appendicitis	540-543	16	0.1
Acute appendicitis	540	16	0.1
Other appendicitis and diseases of appendix	541-543	0	-
Hernia of abdominal cavity	550-553	73	0.6
Noninfective enteritis and colitis	555-558	407	3.4
Idiopathic proctocolitis	556	23	0.2
Vascular insufficiency of intestine	557	326	2.7
Other noninfective gastroenteritis and colitis	555,558	58	0.5
Other diseases of intestines and peritoneum	560-569	594	5.0
Intestinal obstruction without mention of hernia	560	209	1.8
Diverticula of intestine	562	149	1.3
Peritonitis	567	93	0.8
Other disorders of peritoneum	568	6	0.1
Other disorders of intestine	564-566,569	137	1.2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1983 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Other diseases of digestive system	570-579	2,446	20.6
Acute and subacute necrosis of liver	570	27	0.2
Chronic liver disease and cirrhosis	571	1,371	11.5
Liver abcess and sequelae of chronic liver disease	572	224	1.9
Other disorders of liver	573	79	0.7
Cholelithiasis	574	59	0.5
Other disorders of gall bladder	575	94	0.8
Other disorders of biliary tract	576	61	0.5
Diseases of pancreas	577	124	1.0
Gastrointestinal hemorrhage	578	394	3.3
Intestinal malabsorption	579	13	0.1
DISEASES OF THE GENITOURINARY SYSTEM	580-629	2,008	16.9
Nephritis, nephrotic syndrome and nephrosis	580-589	1,298	10.9
Chronic glomerulonephritis	582	48	0.4
Nephritis and nephropathy, not specified as acute or chronic	583	22	0.2
Acute renal failure	584	219	1.8
Chronic renal failure	585	259	2.2
Renal failure, unspecified	586	724	6.1
Other renal disorders	580-581,587-589	26	0.2
Other diseases of urinary system	590-599	640	5.4
Infections of kidney	590	63	0.5
Calculus of kidney and ureter	592	26	0.2
Other disorderr of kidney and ureter	591,593	136	1.1
Other disorders of urethra and urinary tract	594-599	415	3.5
Diseases of male genital organs	600-608	46	0.4
Hyperplasia of prostate	600	39	0.3
Other disorders of male genital organs	601-608	7	0.1
Disorders of the breast	610-611	1	0.0
Inflammatory disease of female pelvic organs	614-616	18	0.2
Other disorders of female genital tract	617-629	5	0.0
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	630-676	10	0.6**
Pregnancy with abortive outcome	630-639	0	-
Induced abortion	635-636	0	-
Other abortion, ectopic,and molar pregnancies	630-634,637-639	0	-
Complications mainly related to pregnancy	640-648	1	0.1**
Other indications for care in pregnancy, labor and delivery	650-659	1	0.1**
Complications occurring mainly in the course of labor and delivery	660-669	3	0.2**
Complications of the puerperium	670-676	5	0.3**

* INTERNATIONAL CLASSIFICATION OF DISEASE, NINTH REVISION, 1975.
**MATERNAL DEATH RATES ARE PER 10,000 LIVE BIRTHS.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1983 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	229	1.9
Infections of skin and subcutaneous tissue	680-686	36	0.3
Cellulitis and abscess	680-682	29	0.2
Other infections of skin and subcutaneous tissue	683-686	7	0.1
Other inflammatory conditions of skin and subcutaneous tissue	690-698	20	0.2
Other diseases of skin and subcutaneous tissue	700-709	173	1.5
Chronic ulcer of skin	707	171	1.4
Other diseases of skin and subcutaneous tissue	700-706,708-709	2	0.0
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	710-739	292	2.5
Arthropathies and related disorders	710-719	211	1.8
Diffuse diseases of connective tissue	710	103	0.9
Rheumatoid arthritis and other inflammatory polyarthropathies	714	67	0.6
Other arthropathies and related disorders	711-713,715-719	41	0.3
Dorsopathies	720-724	10	0.1
Rheumatism, excluding back	725-729	21	0.2
Osteopathies, chondropathies and acquired musculoskeletal deformities	730-739	50	0.4
CONGENITAL ANOMALIES	740-759	606	5.1
Anencephalus and similar anomalies	740	32	0.3
Spina bifida and other congenital anomalies of nervous system	741-742	63	0.5
Bulbus cordis anomalies and anomalies of cardiac septal closure	745	65	0.5
Other congenital anomalies of heart	746	140	1.2
Other congenital anomalies of circulatory system	747	73	0.6
Congenital anomalies of respiratory system	748	44	0.4
Congenital anomalies of genitourinary system	752-753	36	0.3
Congenital musculoskeletal anomalies	754-756	40	0.3
Chromosomal anomalies	758	47	0.4
Other and unspecified congenital anomalies	743-744,749-751,757,759	66	0.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (See Table C-7 for details.)	760-779	831	7.5
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	2,575	21.6
Symptoms	780-789	144	1.2
Symptoms involving cardiovascular system	785	103	0.9
Other symptoms	780-784,786-789	41	0.3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1983 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Nonspecified abnormal findings	790-796	6	0.1
Ill-defined and unknown causes of mortality	797-799	2,425	20.4
Senility without mention of psychosis	797	54	0.5
Sudden death, cause unknown	798	220	1.8
Other ill-defined and unknown cause of mortality	799	2,151	18.1
EXTERNAL CAUSES OF INJURY AND POISONING	E800-E999	6,263	52.7
Railway accidents	E800-E807	29	0.2
Motor vehicle traffic accidents	E810-E819	1,779	15.0
Involving collision with another motor vehicle	E811-E812	634	5.3
Involving collision with another vehicle	E810,E813	47	0.4
Involving collision with pedestrian	E814	291	2.4
Other involving collision on the highway	E815	299	2.5
Due to loss of control, without collision on the highway	E816	146	1.2
Other noncollision	E817-E818	51	0.4
Unspecified nature	E819	311	2.6
Motor vehicle nontraffic accidents	E820-E825	33	0.3
Other road vehicle accidents	E826-E829	10	0.1
Water transport accidents	E830-E838	26	0.2
Air and space transport accidents	E840-E845	32	0.3
Accident due to powered aircraft	E840-E841	28	0.2
Other air and space transport accidents	E842-E845	4	0.0
Vehicle accidents not elsewhere classifiable	E846-E848	5	0.0
Accidental poisoning by drugs, medicaments, and biologicals	E850-E858	126	1.1
Accidental poisoning by other solid and liquid substances, gases, and vapors	E860-E869	93	0.8
Accidental poisoning by utility gas and other carbon monoxide	E868	63	0.5
Accidental poisoning by other solid and liquid substances, gases, and vapors	E860-E867,E869	30	0.3
Misadventure to patients during surgical and medical care	E870-E876	20	0.2
Accidental cut, puncture, perforation or hemorrhage during medical care	E870	14	0.1
Other and unspecified misadventure during medical care	E871-E876	6	0.1
Surgical and medical procedures as the cause of abnormal reaction of patient or later complication without mention of misadventure at the time of procedure	E878-E879	222	1.9
Surgical operation and other surgical procedures	E878	210	1.8
Other procedures	E879	12	0.1
Accidental falls	E880-E888	654	5.5
Fall on or from stairs or steps	E880	146	1.2
Fall from or out of building or other structure	E882	37	0.3
Other fall from one level to another	E881,E883-E884	72	0.6
Fracture, cause unspecified	E887	190	1.6
Other and unspecified fall	E885-E886,E888	209	1.8

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1983 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Accidents caused by fire and flames	890-899	280	2.4
Conflagration in private dwelling	890	227	1.9
Other accident caused by fire and flames	891-899	53	0.4
Accidents due to natural and environmental factors	900-909	62	0.5
Excessive cold	901	40	0.3
Other accidents due to natural and environmental factors	900,902-909	22	0.2
Accidents caused by submersion, suffocation and foreign bodies	910-915	364	3.1
Accidental drowning and submersion	910	153	1.3
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation	911	76	0.6
Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation	912	109	0.9
Accidental mechanical suffocation	913	24	0.2
Foreign body accidentally entering oriface	914-915	2	0.0
Other accidents	916-928	363	3.1
Struck accidentally by falling object	916	43	0.4
Accidents caused by machinery	919	51	0.4
Accidents caused by firearm missle	922	41	0.3
Accidents caused by electric current	925	28	0.2
Other and unspecified causes	917-918,920-921 923-924,926-928	200	1.7
Late effects of accidental injury	929	36	0.3
Drugs, medicaments and biological substances causing adverse effects in therapeutic use	930-949	13	0.1
Suicide	950-959	1,340	11.3
By solid or liquid substances	950	171	1.4
By gases and vapors	951-952	137	1.2
By hanging, strangulation and suffocation	953	238	2.0
By submersion (drowning)	954	35	0.3
By firearms and explosives	955	663	5.6
By jumping from high place	957	50	0.4
By other and unspecified means and late effects	956,958-959	46	0.4
Homicide	960-969	611	5.1
Assault by hanging and strangulation	963	41	0.3
Assault by firearms and explosives	965	287	2.4
Assault by cutting and piercing instrument	966	154	1.3
Other injuries and late effects	960-962,964,967-969	129	1.1
Legal intervention	970-978	2	0.0
Injury undetermined whether accidentally or purposely inflicted	980-989	163	1.4
Poisoning by solid or liquid substance	980	58	0.5
Poisoning by gases	981-982	20	0.2
Submersion (drowning)	984	17	0.1
Injury by firearms and explosives	985	23	0.2
Other injuries and late effects	983,986-989	45	0.4
Injury resulting from operations of war	990-999	0	-

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-7
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH,
NUMBER AND RATE: PENNSYLVANIA, 1983

CAUSE OF DEATH	CODE NO.*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
ALL CAUSES	001-999	1,764	11.2	734	295	200	535
INFECTIOUS AND PARASITIC DISEASES	001-139	20	0.1	1	2	2	15
Septicemia	038	9	0.1	0	0	0	9
NEOPLASMS	140-239	10	0.1	0	1	0	9
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS	240-279	12	0.1	2	0	2	8
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	5	0.0	0	1	1	3
MENTAL DISORDERS	290-319	0	-	0	0	0	0
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	23	0.1	0	2	4	17
Meningitis	320-322	11	0.1	0	2	2	7
DISEASES OF THE CIRCULATORY SYSTEM	390-459	58	0.4	7	10	5	36
Cardiac dysrhythmias	427	23	0.1	4	3	2	14
DISEASES OF THE RESPIRATORY SYSTEM	460-519	42	0.3	0	3	5	34
Pneumonia	480-486	19	0.1	0	1	3	15
DISEASES OF THE DIGESTIVE SYSTEM	520-579	19	0.1	0	1	4	14
Noninfective enteritis and colitis	555-558	6	0.0	0	0	1	5
DISEASES OF THE GENITOURINARY SYSTEM	580-629	20	0.1	0	6	3	11
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	0	-	0	0	0	0
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	710-739	0	-	0	0	0	0
CONGENITAL ANOMALIES	740-759	419	2.7	149	116	45	109
Anencephalus and similar anomalies	740	31	0.2	22	7	1	1
Spina bifida	741	9	0.1	1	1	3	4
Other congenital anomalies of nervous system and sense organs	742-744	28	0.2	12	5	4	7
Congenital hydrocephalus	742.3	5	0.0	2	1	2	0
Bulbus cordis anomalies and anomalies of cardiac closure	745	29	0.2	1	2	1	25
Transposition of great vessels	745.1	3	0.0	0	2	0	1
Tetralogy of fallot	745.2	4	0.0	0	0	1	3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-7
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH,
NUMBER AND RATE: PENNSYLVANIA, 1983 (CONT'D)

CAUSE OF DEATH	CODE NO.*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
Other congenital anomalies of heart	746	97	0.6	14	42	16	25
Congenital stenosis of aortic valve	746.3	1	0.0	0	0	1	0
Other congenital anomalies of circulatory system	747	45	0.3	3	24	9	9
Anomalies of great veins	747.4	3	0.0	0	2	0	1
Congenital anomalies of respiratory system	748	43	0.3	31	5	1	6
Anomalies of larynx, trachea, and bronchus	748.2-748.3	2	0.0	2	0	0	0
Agenesis, hypoplasia and dysplasia of lung	748.5	33	0.2	28	3	0	2
Congenital anomalies of upper alimentary system	749-750	3	0.0	1	1	0	1
Congenital anomalies of digestive system	751	5	0.0	1	0	1	3
Congenital anomalies of genitourinary system	752-753	16	0.1	15	0	0	1
Renal agenesis and dysgenesis	753.0	15	0.1	15	0	0	0
Congenital musculoskeletal anomalies	754-756	36	0.2	23	8	2	3
Anomalies of diaphragm	756.6	19	0.1	13	6	0	0
Congenital anomalies of the integument	757	1	0.0	0	0	0	1
Chromosomal anomalies	758	34	0.2	5	10	5	14
Patau's syndrome	758.1	8	0.1	2	3	2	1
Edward's syndrome	758.2	20	0.1	2	7	2	9
Other and unspecified congenital anomalies	759	42	0.3	20	11	2	9
Multiple congenital anomalies, so described	759.7	28	0.2	11	10	2	5
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	879	5.6	572	151	112	44
Newborn affected by maternal conditions which may be unrelated to present pregnancy	760	5	0.0	4	0	1	0
Newborn affected by maternal complications of pregnancy	761	64	0.4	62	2	0	0
Incompetent cervix	761.0	15	0.1	15	0	0	0
Premature rupture of membranes	761.1	21	0.1	20	1	0	0
Multiple pregnancy	761.5	26	0.2	25	1	0	0
Newborn affected by complications of placenta, cord, and membranes	762	70	0.4	64	3	2	1
Placenta previa	762.0	3	0.0	2	0	1	0
Other forms of placental separation and hemorrhage	762.1	37	0.2	35	1	0	1
Prolapsed cord and other compression of umbilical cord	762.4-762.5	7	0.0	6	1	0	0
Chorioamnionitis	762.7	16	0.1	15	0	1	0
Newborn affected by other complications of labor and delivery	763	6	0.0	5	1	0	0
Slow fetal growth and fetal malnutrition	764	2	0.0	1	0	1	0
Disorders relating to short gestation and unspecified low birth weight	765	165	1.0	151	11	2	1
Extreme immaturity	765.0	92	0.6	83	8	1	0
Other preterm infant	765.1	73	0.5	68	3	1	1
Disorders relating to long gestation and high birth weight	766	0	-	0	0	0	0
Birth trauma	767	15	0.1	5	5	5	0
Subdural and cerebral hemorrhage	767.0	14	0.1	4	5	5	0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-7
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH,
NUMBER AND RATE: PENNSYLVANIA, 1983 (CONT'D)

CAUSE OF DEATH	CODE NO.*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
Intrauterine hypoxia and birth asphyxia	768	50	0.3	20	17	10	3
Fetal distress	768.2-768.4	12	0.1	5	3	3	1
Birth asphyxia	768.5-768.9	38	0.2	15	14	7	2
Respiratory distress syndrome	769	141	0.9	59	49	27	6
Other respiratory conditions of newborn	770	127	0.8	61	29	11	26
Congenital pneumonia	770.0	3	0.0	0	2	1	0
Massive aspiration syndrome	770.1	10	0.1	5	2	2	1
Interstitial emphysema and related conditions	770.2	4	0.0	1	1	1	1
Pulmonary hemorrhage	770.3	2	0.0	1	0	0	1
Primary atelectasis	770.4	21	0.1	13	8	0	0
Other and unspecified atelectasis	770.5	6	0.0	3	3	0	0
Chronic respiratory disease arising in the perinatal period	770.7	22	0.1	0	0	1	21
Infections specified to the perinatal period	771	37	0.2	17	8	11	1
Neonatal hemorrhage	772	12	0.1	3	6	3	0
Intraventricular hemorrhage	772.1	9	0.1	3	3	3	0
Hemolytic disease of newborn, due to isoimmunization	773	2	0.0	1	1	0	0
Other perinatal jaundice	774	0	-	0	0	0	0
Endocrine and metabolic disturbances specific to the newborn	775	2	0.0	0	1	1	0
Hematological disorders of newborn	776	3	0.0	1	0	2	0
Perinatal disorders of digestive system	777	27	0.2	0	4	18	5
Necrotizing enterocolitis in newborn	777.5	24	0.2	0	3	16	5
Conditions involving the integument and temperature regulation of newborn	778	9	0.1	4	4	1	0
Other and ill-defined conditions originating in the perinatal period	779	142	0.9	114	10	17	1
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	222	1.4	3	1	14	204
Sudden infant death syndrome	798.0	207	1.3	3	1	12	191
Respiratory failure	799.1	1	0.0	0	0	0	1
EXTERNAL CAUSES OF INJURY AND POISONING	800-999	35	0.2	0	1	3	31
Motor vehicle accidents	810-825	4	0.0	0	0	0	4
Other transport accidents	800-807, 826-848	0	-	0	0	0	0
Accidental poisoning	850-869	2	0.0	0	0	1	1
Misadventures to patients during surgical and medical care	870-876	0	-	0	0	0	0
Surgical and medical procedures as the cause of abnormal reaction of patient or later complication	878-879	3	0.0	0	0	0	3
Accidental falls	880-888	2	0.0	0	0	0	2
Accidents caused by fire and flames	890-899	3	0.0	0	0	0	3
Accidents due to natural and environmental							
Accidents caused by submersion, suffocation, and foreign bodies	910-915	12	0.1	0	0	1	11
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation	911	5	0.0	0	0	1	4
Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation	912	1	0.0	0	0	0	1
Accidental mechanical suffocation	913	5	0.0	0	0	0	5
Other accidents and late effects of accidental injury	916-929	2	0.0	0	0	0	2
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use	930-949	0	-	0	0	0	0
Homicide	960-969	7	0.0	0	1	1	5
Injury undetermined whether accidentally or purposely inflicted	980-989	0	-	0	0	0	0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-8
FETAL DEATHS BY CAUSE, NUMBER AND RATE:
PENNSYLVANIA, 1983

CAUSE OF DEATH	CODE NO.*	NUMBER	RATE**
ALL CAUSES	001-999	3,198	19.9
CONGENITAL ANOMALIES	740-759	137	0.9
Anencephalus and similar anomalies	740	44	0.3
Spina bifida	741	4	0.0
Other congenital anomalies of nervous system and sense organs	742-744	16	0.1
Congenital hydrocephalus	742.3	15	0.1
Congenital anomalies of heart	745-746	2	0.0
Other congenital anomalies of circulary system	747	0	-
Congenital anomalies of respiratory system	748	0	-
Congenital anomalies of digestive system	749-751	0	-
Congenital anomalies of genitourinary system	752-753	5	0.0
Chromosomal anomalies	758	11	0.1
Other and unspecified congenital anomalies	754-757, 759	55	0.3
Multiple congenital anomalies,so described	759.7	50	0.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	3,061	19.0
Fetus affected by maternal conditions which may be unrelated to present pregnancy	760	79	0.5
Maternal hypertensive disorders	760.0	58	0.4
Maternal infections	760.2	4	0.0
Other chronic maternal circulatory and respiratory diseases	760.3	1	0.0
Maternal injury	760.5	9	0.1
Fetus affected by maternal complications of pregnancy	761	270	1.7
Incompetent cervix	761.0	65	0.4
Premature rupture of membranes	761.1	145	0.9
Polyhydramnias	761.3	5	0.0
Multiple pregnancy	761.5	18	0.1
Fetus affected by complications of placenta, cord, and membranes	762	655	4.1
Placenta previa	762.0	12	0.1
Other forms of placental separation and hemorrhage	762.1	216	1.3
Other and unspecified morphological and functional abnormalities of placenta	762.2	88	0.5
Placental transfusion syndromes	762.3	3	0.0
Prolasped cord	762.4	27	0.2
Other compressions of umbilical cord	762.5	156	1.0
other and unspecified conditions of umbilical cord	762.6	115	0.7
Chorioamnionitis	762.7	36	0.2
Fetus affected by other complications of labor and delivery	763	11	0.1
Breech or other malpresentation, malposition, or disproportion	763.0-763.1	2	0.0
Slow fetal growth and fetal malnutrition	764	6	0.0
Disorders relating to short gestation and unspecified low birth weight	765	219	1.4
Intrauterine hypoxia and birth asphyxia	768	85	0.5
Respiratory distress syndrome	769	0	-
Other respiratory conditions of fetus	770	3	0.0
Primary atelectasis	770.4	0	-
Infections specific to the perinatal period	771	2	0.0
Fetal hemorrhage	772	0	-
Fetal blood loss	772.0	0	-
Hemolytic disease of fetus due to isoimmunization	773	4	0.0
Endocrine and metabolic disturbances specific to the fetus	775	13	0.1
Syndrome of "infant and diabetic mother"	775.0	13	0.1
Hematological disorders of fetus	776	1	0.0
Other and ill-defined conditions originating in the perinatal period	766-767,774,777-779	1,713	10.6
Termination of pregnancy	779.6	1,228	7.6
OTHER AND UNKNOWN CAUSES	001-739,780-999	0	-

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).

TABLE C-9A
HEART DISEASE DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1983

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1983	49,780	418.5	**	**	1966	53,874	462.7	727,002	371.2
1982	48,470	407.8	755,592	326.0	1965	52,685	456.7	712,087	367.4
1981	48,786	411.2	753,884	328.7	1964	52,078	454.5	699,861	365.7
1980	50,677	427.2	761,085	336.0	1963	53,495	468.3	707,830	375.2
1979	48,407	412.7	733,235	333.1	1962	52,751	463.7	685,009	370.1
1978	48,573	413.3	729,510	334.3	1961	51,735	451.1	663,391	362.4
1977	46,444	411.1	718,850	332.3	1960	51,431	454.4	661,712	369.0
1976	49,730	419.2	723,878	337.2	1959	50,196	443.3	641,044	363.2
1975	49,323	417.0	716,215	336.2	1958	49,673	447.5	637,246	367.7
1974	50,625	427.7	738,171	349.2	1957	49,393	482.8	628,504	369.6
1973	52,730	443.0	757,075	360.8	1956	47,796	429.4	602,995	361.1
1972	53,098	445.2	755,868	363.0	1955	46,690	421.8	584,620	356.5
1971	53,222	448.0	743,368	360.5	1954	44,382	407.3	560,077	348.3
1970	52,476	444.7	735,542	362.0	1953	45,784	422.8	570,275	361.2
1969	52,816	447.5	739,265	367.1	1952	44,246	412.2	555,141	357.4
1968	54,398	462.7	744,658	373.5	1951	44,443	419.4	545,675	356.8
1967	53,121	456.1	721,268	364.5	1950	43,793	416.4	535,705	356.8

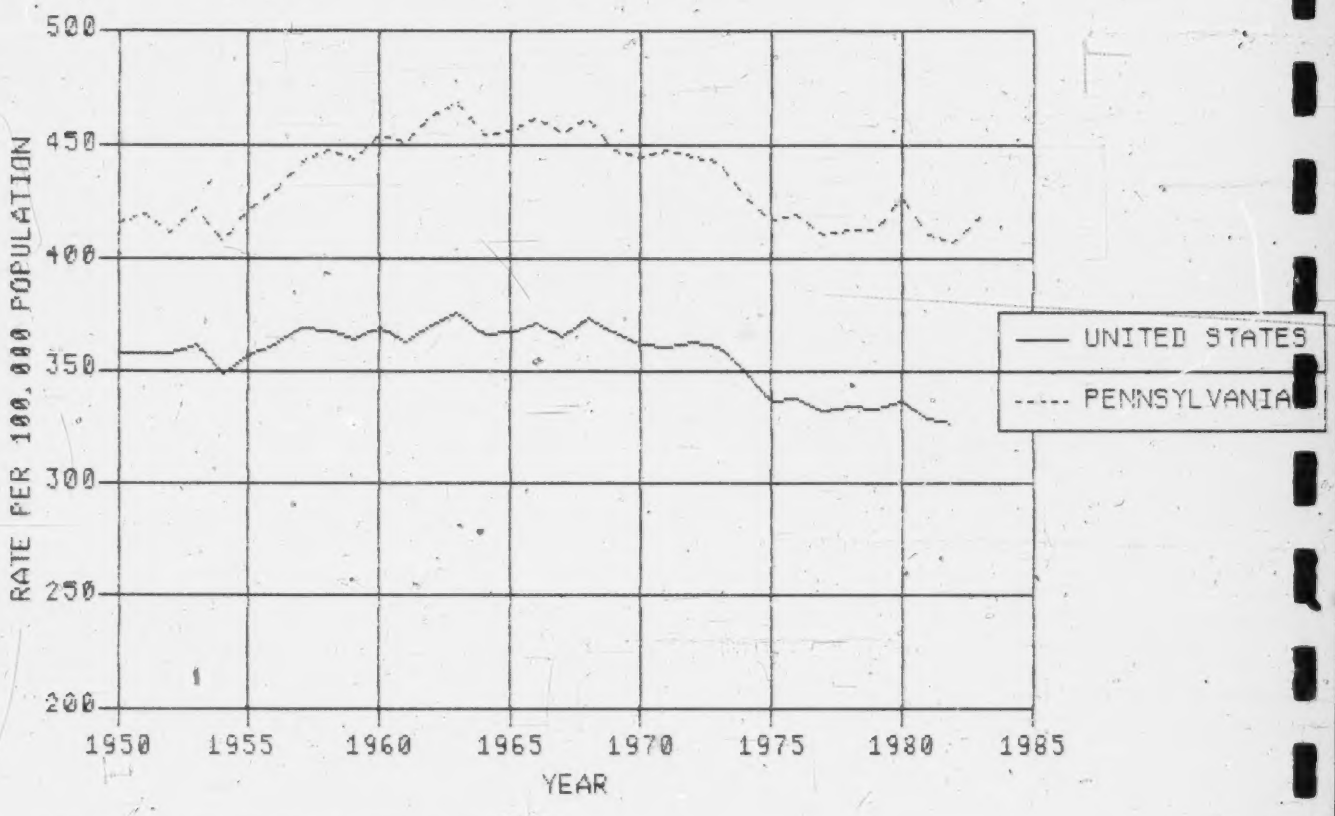
*RATE PER 100,000 POPULATION.
**UNITED STATES DATA NOT AVAILABLE FOR 1983.

TABLE C-9B
RESIDENT HEART DISEASE DEATHS BY TYPE AND AGE
PENNSYLVANIA, 1983

		AGE AT DEATH (IN YEARS)								
TYPE OF HEART DISEASE*	ALL AGES	UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 & OVER
TOTAL HEART DISEASE	49,780	70	11	60	168	606	2,061	6,481	12,042	27,681
RHEUMATIC HEART DISEASE	501	0	0	0	7	18	48	115	157	156
HEART DISEASE WITH HYPERTENSION	1,230	0	0	0	6	11	47	153	313	700
ACUTE MYOCARDIAL INFARCTION	18,540	0	0	4	46	251	1,041	3,194	5,628	8,174
ISCHEMIC EXCL. MYOCARDIAL INFARCTION	15,139	0	0	3	16	122	374	1,361	3,171	10,092
DISEASES OF PULMONARY CIRCULATION	847	12	0	4	16	27	50	146	245	347
OTHER HEART DISEASE	13,523	58	11	49	75	177	501	1,512	2,928	8,212

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THIS TABLE:
RHEUMATIC HEART DISEASE=390-398
HEART DISEASE WITH HYPERTENSION=402,404
ACUTE MYOCARDIAL INFARCTION=410
ISCHEMIC EXCL. MYOCARDIAL INFARCTION=411-414
DISEASES OF PULMONARY CIRCULATION=415-417
OTHER HEART DISEASE=420-429

FIGURE C-6
HEART DISEASE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1983



U.S. DATA NOT AVAILABLE FOR 1983.

FIGURE C-7
RESIDENT HEART DISEASE DEATHS
PERCENT BY TYPE: PENNSYLVANIA, 1983

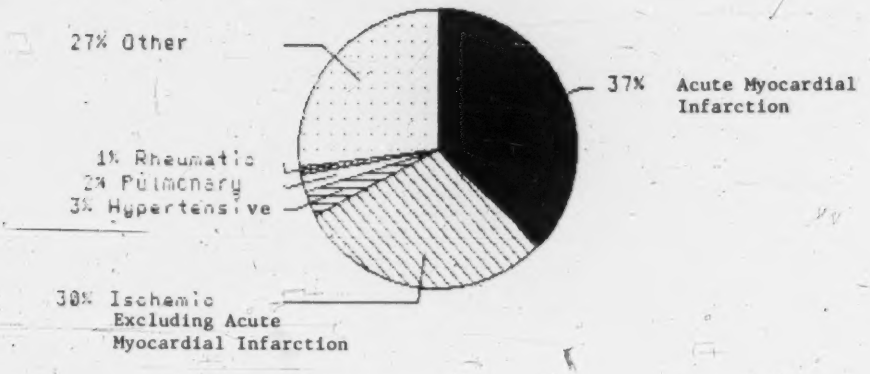


FIGURE C-8
RESIDENT HEART DISEASE DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1983

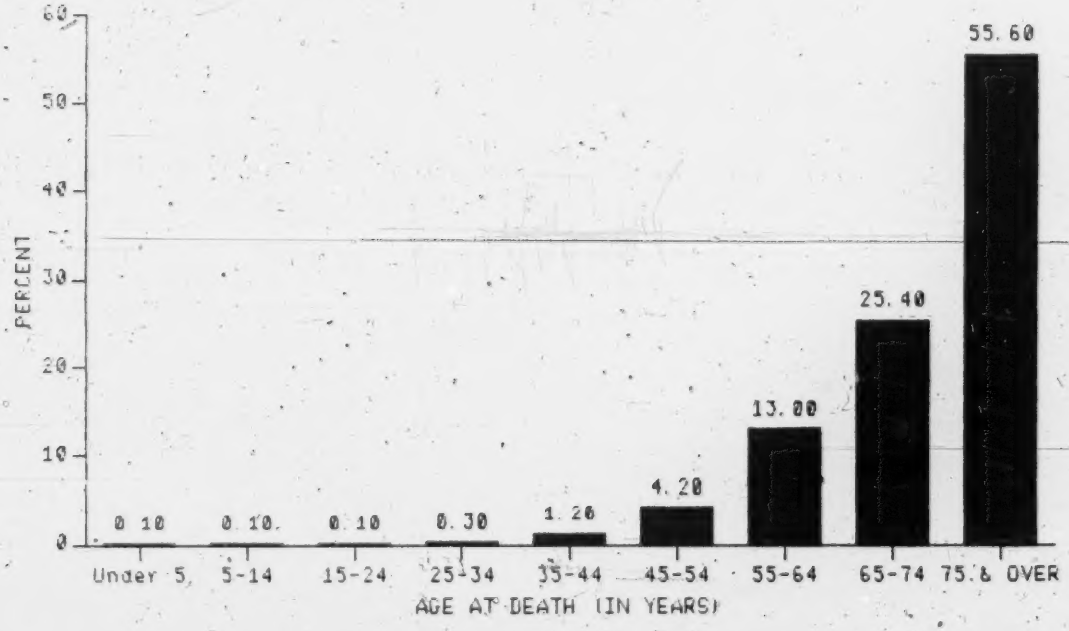


TABLE C-10A
MALIGNANT NEOPLASM DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1983

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1983	26,917	226.3	**	**	1966	21,182	182.0	303,736	155.1
1982	26,483	222.8	433,795	187.2	1965	20,767	180.0	297,588	153.5
1981	26,059	219.6	422,094	184.0	1964	20,611	179.9	289,577	151.2
1980	26,040	219.5	416,509	183.9	1963	20,316	177.8	285,362	151.3
1979	25,374	216.3	403,395	183.3	1962	20,003	175.8	278,562	149.9
1978	25,376	215.9	396,992	181.9	1961	19,933	173.8	273,502	149.4
1977	24,244	205.7	386,686	178.7	1960	19,612	173.3	267,627	149.2
1976	24,175	203.8	377,312	175.8	1959	19,218	169.7	260,047	147.3
1975	23,547	199.1	365,693	171.7	1958	18,856	169.9	254,426	146.8
1974	23,239	196.4	360,472	170.5	1957	19,066	170.8	253,183	148.7
1973	22,709	190.8	351,055	167.3	1956	18,726	168.2	247,357	147.9
1972	22,733	190.6	345,618	166.0	1955	18,259	164.0	240,681	146.5
1971	22,364	188.3	337,398	163.6	1954	17,974	165.0	234,669	145.6
1970	22,013	186.5	330,730	162.8	1953	17,531	161.9	229,079	144.7
1969	22,124	187.4	323,092	160.4	1952	17,335	161.5	223,277	143.3
1968	22,065	187.7	318,547	159.8	1951	16,678	157.4	215,525	140.5
1967	21,450	184.2	310,983	157.2	1950	16,326	155.2	210,733	139.8

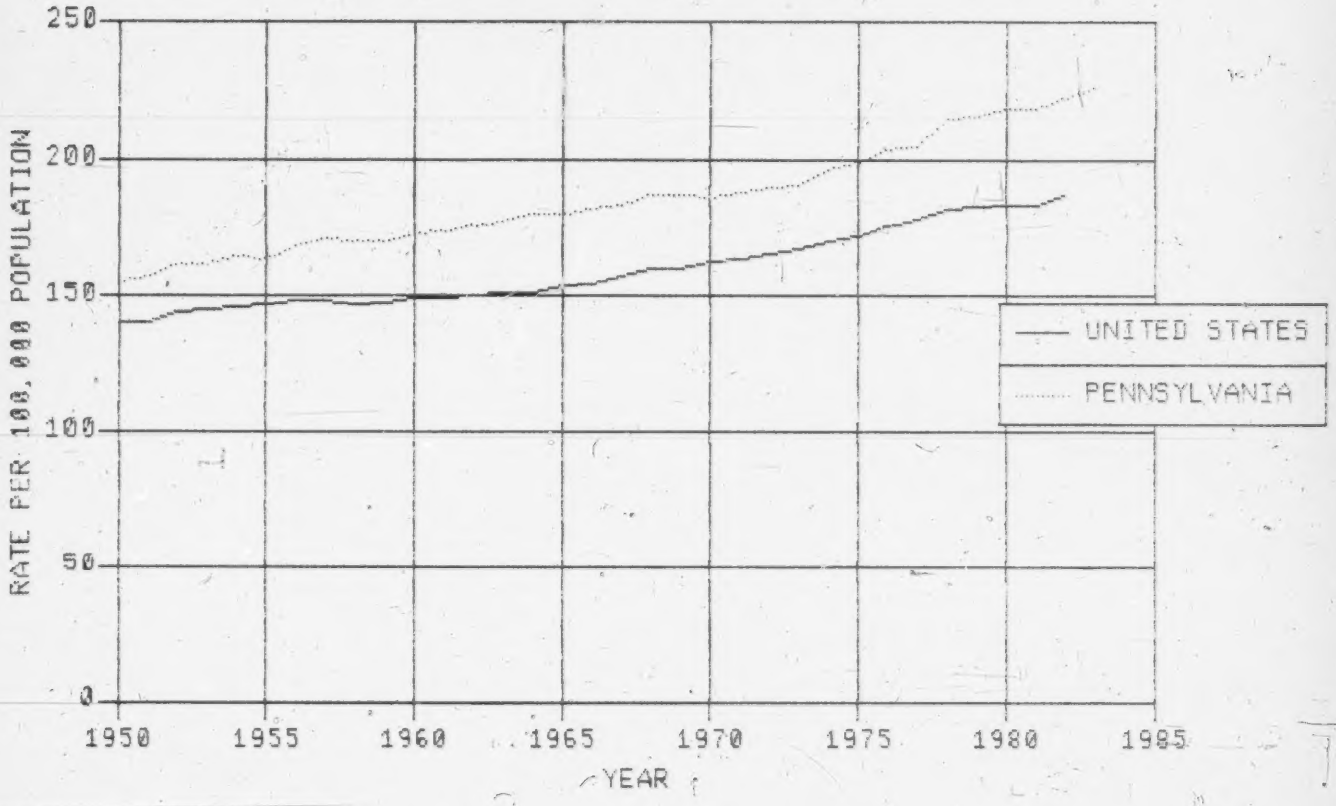
*RATE PER 100,000 POPULATION.
**UNITED STATES DATA NOT AVAILABLE FOR 1983.

TABLE C-10B
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE
PENNSYLVANIA, 1983

		AGE AT DEATH (IN YEARS)								
MALIGNANT NEOPLASM SITE*	ALL AGES	UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 & OVER
TOTAL MALIGNANT NEOPLASMS	26,917	28	49	118	253	659	2,094	6,250	8,444	9,022
BUCCAL CAVITY & PHARYNX	469	0	0	1	3	8	51	165	139	102
DIGESTIVE SYSTEM	7,317	1	1	5	27	121	419	1,519	2,310	2,914
RESPIRATORY SYSTEM	6,729	0	2	7	14	124	633	1,913	2,420	1,616
BONE, TISSUE, SKIN & BREAST	3,058	2	4	22	62	181	376	793	777	841
GENITOURINARY SYSTEM	3,767	0	4	12	30	56	202	665	1,146	1,650
OTHER & UNSPECIFIED SITES	3,109	15	17	27	54	94	239	717	966	1,060
LEUKEMIA	963	9	17	32	34	39	72	156	231	373
LYMPHATIC & HEMATOPOIETIC	1,425	1	4	12	29	34	102	322	455	466

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THIS TABLE:
BUCCAL CAVITY AND PHARYNX=140-149
DIGESTIVE SYSTEM=150-159
RESPIRATORY SYSTEM=160-165
BONE, TISSUE, SKIN AND BREAST=170-175
GENITOURINARY SYSTEM=179-189
OTHER AND UNSPECIFIED SITES=190-199
LEUKEMIA=204-208
LYMPHATIC AND HEMATOPOIETIC=200-203

FIGURE C-9
MALIGNANT NEOPLASM DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1983



U.S. DATA NOT AVAILABLE FOR 1983.

FIGURE C-10
RESIDENT MALIGNANT NEOPLASM DEATHS
PERCENT BY TYPE: PENNSYLVANIA, 1983

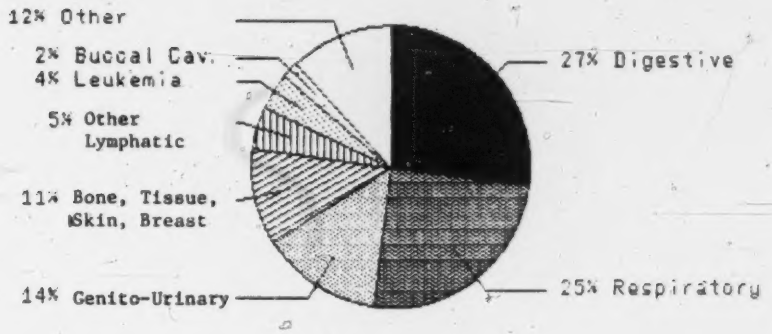


FIGURE C-11
RESIDENT MALIGNANT NEOPLASM DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1983

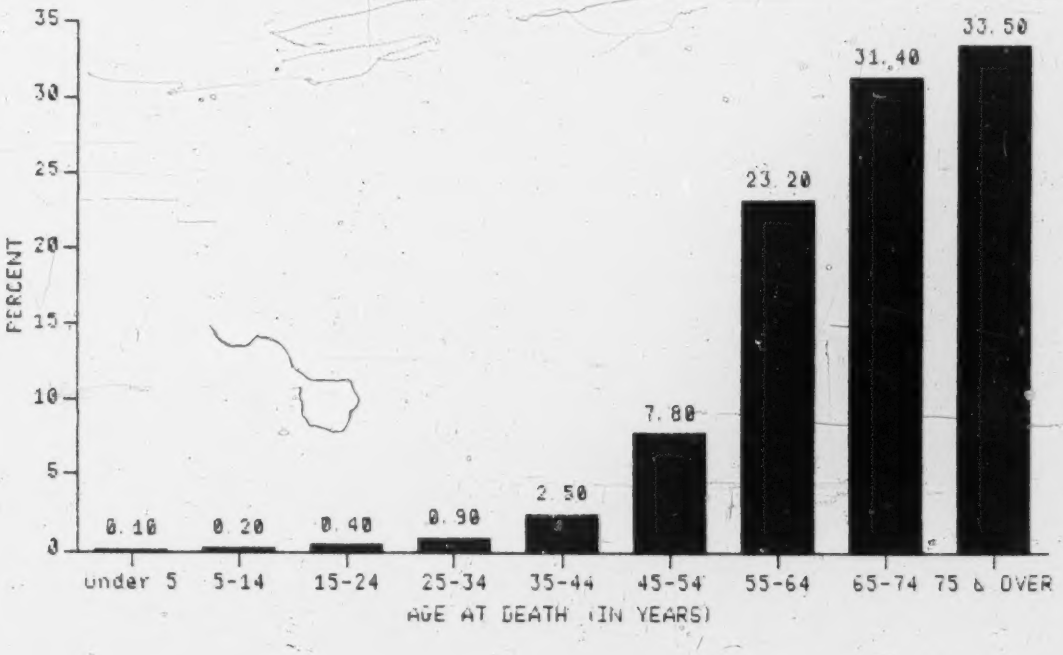


TABLE C-11A
ACCIDENTAL DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1983

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1983	4,147	34.9	**	**	1966	5,223	44.9	113,563	58.0
1982	4,112	34.6	94,082	40.6	1965	5,351	46.4	108,004	55.7
1981	4,375	36.9	100,704	43.9	1964	5,165	45.1	103,843	54.3
1980	4,586	38.7	105,718	46.7	1963	5,154	45.1	100,669	53.4
1979	4,777	40.7	105,312	47.8	1962	5,024	44.2	97,139	52.3
1978	4,487	38.2	105,561	48.4	1961	4,762	41.5	92,249	50.4
1977	4,654	39.5	103,202	47.7	1960	4,866	43.0	93,606	52.3
1976	4,531	38.2	100,761	46.9	1959	5,036	44.5	92,080	52.2
1975	4,702	39.8	103,030	48.4	1958	5,056	45.5	90,604	52.3
1974	4,798	40.6	104,622	49.5	1957	5,374	48.1	95,307	56.0
1973	5,140	43.2	115,821	55.2	1956	5,430	48.8	94,780	56.7
1972	5,259	44.1	115,448	55.4	1955	5,659	50.8	93,443	56.9
1971	5,387	45.3	113,839	55.0	1954	5,472	50.2	90,032	55.9
1970	5,336	45.2	114,638	57.6	1953	5,787	53.1	95,032	60.0
1969	5,362	45.4	116,385	57.8	1952	5,783	53.9	96,172	61.7
1968	5,589	47.5	114,864	57.6	1951	5,831	55.0	95,871	62.5
1967	5,459	46.9	113,769	57.2	1950	5,697	54.2	91,249	60.6

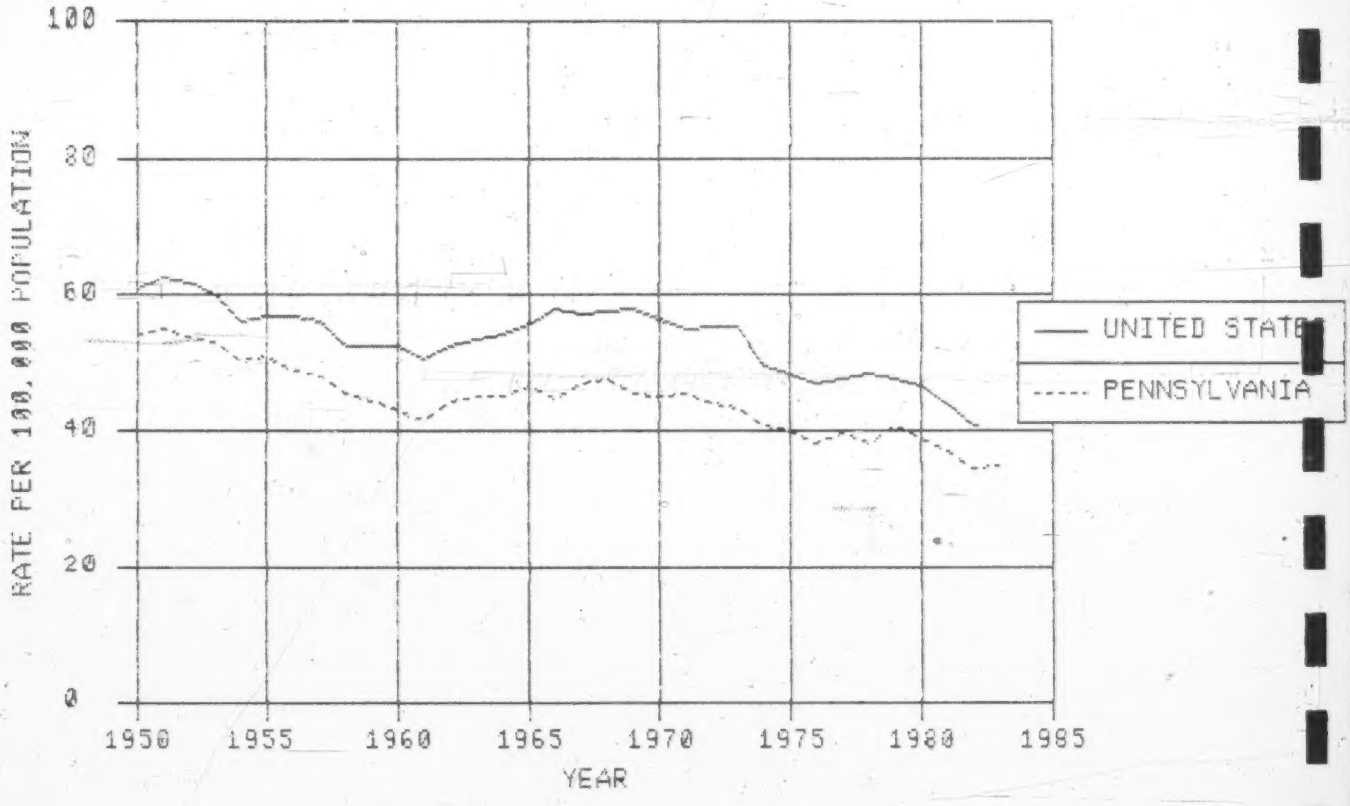
*RATE PER 100,000 POPULATION.
**UNITED STATES DATA NOT AVAILABLE FOR 1983.

TABLE C-11B
RESIDENT ACCIDENTAL DEATHS BY TYPE AND AGE
PENNSYLVANIA, 1983

		AGE AT DEATH (IN YEARS)								
TYPE OF ACCIDENTAL DEATH*	ALL AGES	UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 & OVER
TOTAL ACCIDENTAL DEATHS	4,147	130	161	810	637	351	279	406	466	907
MOTOR VEHICLE	1,812	32	76	604	378	179	135	145	134	129
POISONING	219	3	2	31	72	31	22	23	10	25
SURGICAL COMPLICATIONS/MISADVENTURES	242	3	0	4	4	7	8	44	72	100
FALLS	654	8	2	20	18	22	30	63	98	393
FIRES	280	36	33	27	45	25	20	23	23	48
SUBMERSION/SUFFOCATION & FOREIGN BODIES	364	40	24	55	36	22	18	34	43	92
OTHER ACCIDENTS	576	8	24	69	84	65	46	74	86	120

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THIS TABLE:
MOTOR VEHICLE=E810-E825
POISONING=E850-E869
SURGICAL COMPLICATIONS/MISADVENTURES=E870-E879
FALLS=E880-E888
FIRES=E890-E899
SUBMERSION/SUFFOCATION & FOREIGN BODIES=E910-E915
OTHER ACCIDENTS=E800-E807, E826-E848, E900-E909, E916-E949

FIGURE C-12
ACCIDENTAL DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1983



NOTE: U.S. DATA NOT AVAILABLE FOR 1983.

FIGURE C-13
RESIDENT ACCIDENTAL DEATHS, PERCENT BY TYPE
PENNSYLVANIA, 1983

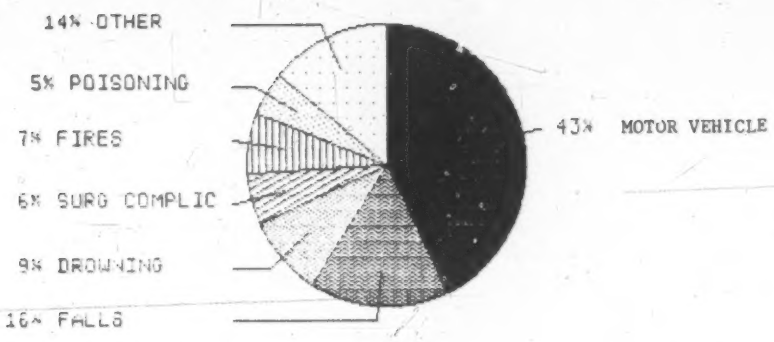


FIGURE C-14
RESIDENT ACCIDENTAL DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1983

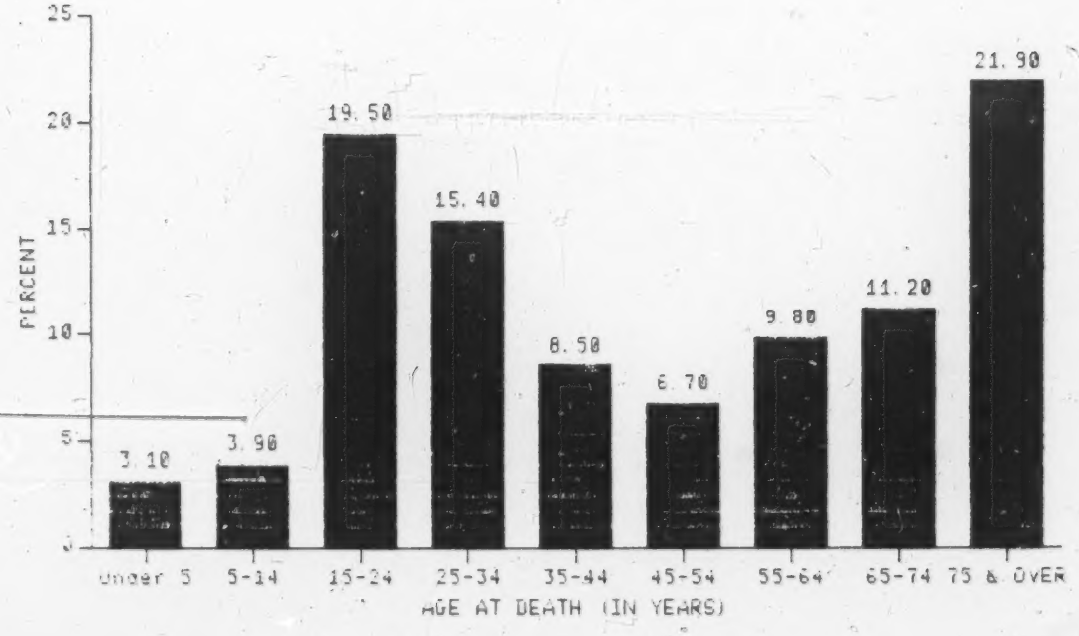
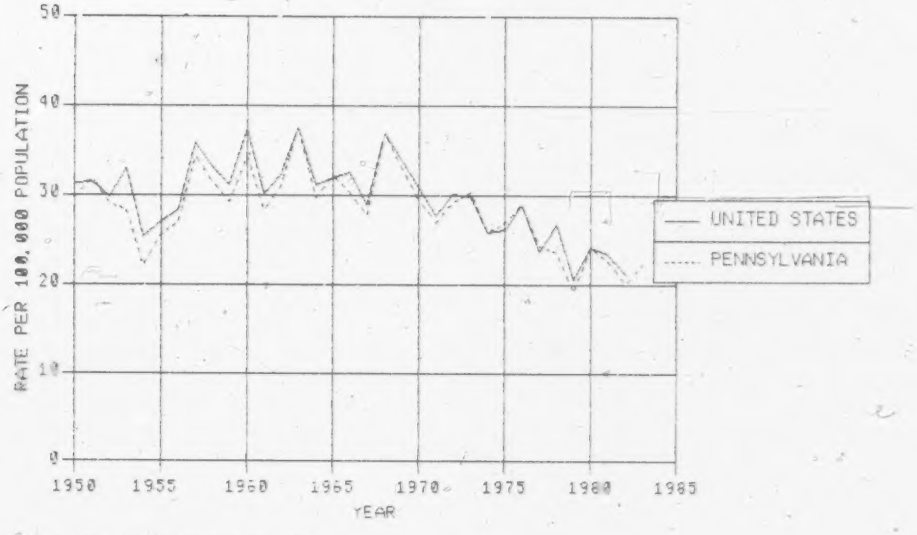


TABLE C-12
PNEUMONIA AND INFLUENZA DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1983

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1983	2,651	22.3	**	**	1966	3,515	30.2	63,615	32.5
1982	2,386	20.1	48,886	21.1	1965	3,709	32.2	61,903	31.9
1981	2,682	22.6	53,731	23.4	1964	3,393	29.6	59,451	31.1
1980	2,869	24.2	54,619	24.1	1963	4,294	37.6	70,761	37.5
1979	2,239	19.1	45,030	20.5	1962	3,529	31.0	59,995	32.3
1978	2,776	23.6	58,319	26.7	1961	3,247	28.3	55,175	30.1
1977	2,866	24.3	51,193	23.7	1960	3,889	34.3	66,803	37.3
1976	3,412	28.8	61,866	28.8	1959	3,293	29.1	55,039	31.2
1975	3,187	26.9	55,664	26.1	1958	3,494	31.5	57,439	33.1
1974	3,067	25.9	54,777	25.9	1957	3,833	34.3	61,001	35.8
1973	3,590	30.2	62,559	29.8	1956	2,996	26.9	47,103	28.2
1972	3,476	29.1	62,580	30.1	1955	2,862	25.7	44,510	27.1
1971	3,199	26.9	57,194	27.7	1954	2,406	22.1	40,991	25.4
1970	3,466	29.4	62,739	30.9	1953	3,061	28.3	52,238	33.0
1969	3,896	33.0	68,365	33.9	1952	3,113	29.0	46,265	29.7
1968	4,340	36.9	73,492	36.9	1951	3,379	31.9	48,169	31.4
1967	3,225	27.7	56,892	28.8	1950	3,116	29.6	47,120	31.3

*RATE PER 100,000 POPULATION.
**UNITED STATES DATA NOT AVAILABLE FOR 1983.

FIGURE C-15
PNEUMONIA AND INFLUENZA DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1983



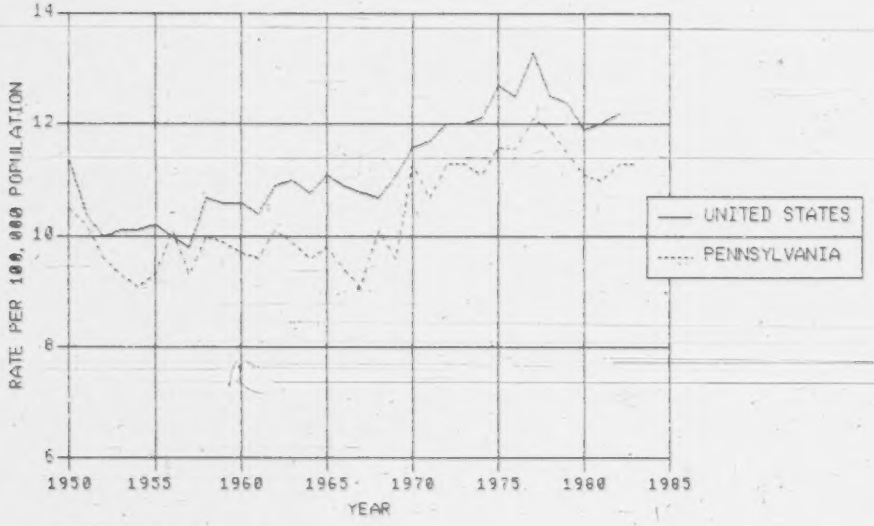
U.S. DATA NOT AVAILABLE FOR 1983.

TABLE C-13
SUICIDE DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1983

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1983	1,340	11.3	**	**	1966	1,099	9.4	21,281	10.9
1982	1,294	11.3	28,242	12.2	1965	1,131	9.8	21,507	11.1
1981	1,310	11.0	27,596	12.0	1964	1,100	9.6	20,586	10.8
1980	1,317	11.1	26,869	11.9	1963	1,134	9.9	20,825	11.0
1979	1,346	11.5	27,206	12.4	1962	1,150	10.1	20,207	10.9
1978	1,396	11.9	27,294	12.5	1961	1,097	9.6	18,999	10.4
1977	1,430	12.1	28,681	13.3	1960	1,099	9.7	19,041	10.6
1976	1,371	11.6	26,832	12.5	1959	1,100	9.9	18,633	10.6
1975	1,377	11.6	27,063	12.7	1958	1,113	10.0	18,519	10.7
1974	1,318	11.1	25,683	12.1	1957	1,044	9.3	16,632	9.8
1973	1,342	11.3	25,118	12.0	1956	1,121	10.1	16,727	10.0
1972	1,349	11.3	25,004	12.0	1955	1,035	9.3	16,760	10.2
1971	1,271	10.7	24,092	11.7	1954	988	9.1	16,356	10.1
1970	1,327	11.3	23,480	11.6	1953	1,006	9.3	15,947	10.1
1969	1,133	9.6	22,369	11.1	1952	1,028	9.6	15,567	10.0
1968	1,190	10.1	21,372	10.7	1951	1,083	10.2	15,909	10.4
1967	1,059	9.1	21,325	10.8	1950	1,101	10.5	17,145	11.4

*RATE PER 100,000 POPULATION.
**UNITED STATES DATA NOT AVAILABLE FOR 1983.

FIGURE C-16
SUICIDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1983



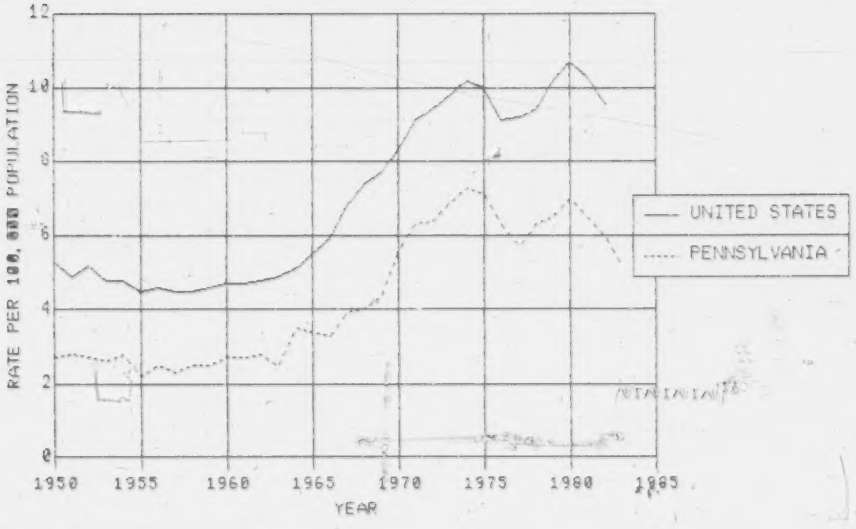
U.S. DATA NOT AVAILABLE FOR 1983.

TABLE C-14
HOMICIDE DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1983

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1983	613	5.2	**	**	1966	389	3.3	11,606	5.9
1982	713	6.0	22,358	9.6	1965	388	3.4	10,712	5.5
1981	768	6.5	23,646	10.3	1964	403	3.5	9,814	5.1
1980	827	7.0	24,278	10.7	1963	288	2.5	9,225	4.9
1979	760	6.5	22,550	10.2	1962	318	2.8	9,013	4.8
1978	736	6.3	20,432	9.4	1961	304	2.7	8,578	4.7
1977	668	5.7	19,968	9.2	1960	302	2.7	8,464	4.7
1976	746	6.3	19,554	9.1	1959	286	2.5	8,159	4.6
1975	843	7.1	21,310	10.0	1958	273	2.5	7,815	4.5
1974	859	7.3	21,465	10.2	1957	258	2.3	7,641	4.5
1973	826	6.9	20,465	9.8	1956	279	2.5	7,629	4.6
1972	761	6.4	19,638	9.4	1955	248	2.2	7,418	4.5
1971	749	6.3	18,787	9.1	1954	304	2.8	7,735	4.8
1970	657	5.6	16,848	8.3	1953	288	2.6	7,640	4.8
1969	516	4.4	15,477	7.7	1952	288	2.7	8,054	5.2
1968	473	4.0	14,686	7.4	1951	296	2.8	7,495	4.9
1967	459	3.9	13,425	6.8	1950	284	2.7	7,942	5.3

*RATE PER 100,000 POPULATION.
**UNITED STATES DATA NOT AVAILABLE FOR 1983.

FIGURE C-17
HOMICIDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1983



U.S. DATA NOT AVAILABLE FOR 1983.

TABLE C-15
RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, AND NEONATAL DEATHS
BY HEALTH SERVICE AREA, NUMBER AND RATE: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	TOTAL DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		NEONATAL DEATHS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER**	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	121,066	10.2	157,810	13.3	1,970	12.3	1,764	11.2	1,229	7.8
HSA 1 (SOUTHEAST)	37 728	10.2	52,693	14.3	814	15.2	695	13.2	472	9.0
HSA 2 (EASTERN)	9,121	9.6	11,776	12.4	119	10.0	93	7.9	63	5.3
HSA 3 (NORTHEAST)	9,903	12.3	9,352	11.6	116	12.3	86	9.2	60	6.4
HSA 4 (S.CENTRAL)	12,458	8.6	19,603	13.5	215	10.8	192	9.8	132	6.7
HSA 5 (CENTRAL)	7,313	9.6	9,987	13.2	102	10.1	94	9.4	69	6.9
HSA 6 (SOUTHWEST)	30,650	10.7	35,737	12.5	407	11.3	397	11.1	294	8.2
HSA 7 (NORTHWEST)	7,587	9.8	10,808	14.0	110	10.1	112	10.4	77	7.1
HSA 8 (NY-PENN)	1,007	9.3	1,535	14.1	18	11.6	16	10.4	7	4.6
HSA 9 (KEYSTONE)	5,299	10.6	6,319	12.7	69	10.8	79	12.5	55	8.7

*BIRTH AND TOTAL DEATH RATE PER 1,000 1983 PRELIMINARY PROVISIONAL ESTIMATED POPULATION,
FETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS),
INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS.
**TOTAL FETAL DEATHS INCLUDE INDUCED TERMINATIONS.

TABLE C-16
RESIDENT DEATHS BY AGE GROUP AND HEALTH SERVICE AREA
PENNSYLVANIA, 1983

HEALTH SERVICE AREA	AGE AT DEATH (IN YEARS)												
	TOTAL DEATHS	UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
ALL AREAS	121,066	2,056	448	475	646	977	2,006	2,691	6,299	17,948	30,694	35,714	23,712
HSA 1-SOUTHEAST	37,728	804	52	55	192	328	780	997	2,259	5,805	9,321	10,132	7,003
HSA 2-NORTHEAST	9,121	122	14	9	58	72	130	188	427	1,347	2,327	2,621	1,806
HSA 3-EASTERN	9,903	97	9	16	45	66	113	189	469	1,414	2,750	2,994	1,739
HSA 4-S.CENTRAL	12,458	222	24	25	73	112	210	264	597	1,713	2,913	3,501	2,604
HSA 5-CENTRAL	7,313	112	11	18	44	59	105	149	337	975	1,823	2,188	1,492
HSA 6-SOUTHWEST	30,650	451	21	29	156	224	464	636	1,577	4,735	7,993	8,388	5,976
HSA 7-NORTHWEST	7,587	159	11	14	44	63	124	134	338	1,031	1,915	2,145	1,629
HSA 8-NY-PENN	1,007	21	1	3	4	15	9	29	40	134	235	294	222
HSA 9-KEYSTONE	5,299	68	5	6	30	36	71	105	255	794	1,417	1,451	1,041

* UNKNOWN AGE AT DEATH INCLUDED IN THE 85 & OVER AGE GROUP.

TABLE C-17
LEADING CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE*: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	ALL CAUSES		HEART DISEASE											
			TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCTION		ACUTE MYOCARDIAL INFARCTION		OTHER	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	121,066	1017.8	49,780	418.5	501	4.2	1,230	10.3	15,139	127.3	18,540	155.9	14,370	120.8
HSA 1 (SOUTHEAST)	37,726	1021.5	13,731	371.8	147	4.0	414	11.2	3,439	93.1	5,270	142.7	4,461	120.8
HSA 2 (EASTERN)	9,121	961.4	3,942	415.5	35	3.7	92	9.7	1,029	108.5	1,429	150.6	1,357	143.0
HSA 3 (NORTHEAST)	9,905	1250.0	4,498	558.7	52	6.5	122	15.2	1,319	163.8	1,661	206.3	1,344	166.9
HSA 4 (S.CENTRAL)	12,458	860.0	5,303	366.1	41	2.8	121	8.4	1,439	99.3	1,883	130.0	1,819	125.6
HSA 5 (CENTRAL)	7,515	965.3	3,121	411.1	24	3.2	73	9.6	855	112.6	1,307	172.2	862	113.5
HSA 6 (SOUTHWEST)	30,650	1071.8	13,239	463.0	146	5.2	253	8.8	4,945	173.1	4,640	162.3	3,249	113.6
HSA 7 (NORTHWEST)	7,587	982.6	3,203	414.8	31	4.0	68	8.8	1,135	147.0	1,266	164.0	703	91.1
HSA 8 (NY-PENN)	1,007	926.1	394	363.1	2	1.8	11	10.1	115	106.0	150	138.2	116	106.9
HSA 9 (KEYSTONE)	5,299	1061.1	2,349	470.4	21	4.2	76	15.2	859	172.0	934	187.0	459	91.9

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
LEADING CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE*: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	MALIGNANT NEOPLASMS									
	TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM		BONE, TISSUE, SKIN AND BREAST	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	26,917	226.3	469	3.9	7,317	61.5	6,729	56.6	3,058	25.7
HSA 1 (SOUTHEAST)	8,743	236.7	172	4.7	2,354	63.7	2,271	61.5	981	26.6
HSA 2 (EASTERN)	2,166	228.3	37	3.9	554	58.4	530	55.9	275	29.0
HSA 3 (NORTHEAST)	2,061	256.0	41	5.1	618	76.8	432	53.7	232	28.8
HSA 4 (S.CENTRAL)	2,703	186.6	25	1.7	727	50.2	662	45.7	354	24.4
HSA 5 (CENTRAL)	1,490	196.3	21	2.8	398	52.4	334	44.0	164	21.6
HSA 6 (SOUTHWEST)	6,657	239.8	127	4.4	1,830	64.0	1,780	62.2	747	26.1
HSA 7 (NORTHWEST)	1,574	203.9	25	3.2	448	58.0	404	52.3	162	21.0
HSA 8 (NY-PENN)	217	200.0	1	0.9	74	68.2	40	36.9	18	16.6
HSA 9 (KEYSTONE)	1,106	221.5	20	4.0	314	62.9	276	55.3	125	25.0

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
LEADING CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	MALIGNANT NEOPLASMS							
	GENITO-URINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	3,767	31.7	3,189	26.8	963	8.1	1,425	12.0
HSA 1 (SOUTHEAST)	1,165	31.5	1,051	28.5	301	8.1	448	12.1
HSA 2 (EASTERN)	313	33.0	261	27.5	72	7.6	124	13.1
HSA 3 (NORTHEAST)	290	36.0	263	32.7	81	10.1	104	12.9
HSA 4 (S.CENTRAL)	403	27.8	291	20.1	109	7.5	132	9.1
HSA 5 (CENTRAL)	225	29.6	219	28.8	47	6.2	82	10.8
HSA 6 (SOUTHWEST)	932	32.6	802	28.0	243	8.5	396	13.8
HSA 7 (NORTHWEST)	249	32.2	159	20.6	54	7.0	73	9.5
HSA 8 (NY-PENN)	36	33.2	26	24.0	11	10.1	11	10.1
HSA 9 (KEYSTONE)	154	30.8	117	23.4	45	9.0	55	11.0

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
LEADING CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	CEREBROVASCULAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS.		PNEUMONIA & INFLUENZA		DIABETES MELLITUS		ACCIDENTS				ATHEROSCLEROSIS	
									OTHER		MOTOR VEHICLE			
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	8,384	70.5	3,521	29.6	2,651	22.3	2,502	21.0	2,335	19.6	1,812	15.2	1,451	12.2
HSA 1 (SOUTHEAST)	2,506	67.8	975	26.4	887	24.0	648	17.5	781	21.1	456	12.3	351	9.5
HSA 2 (EASTERN)	585	61.7	254	26.8	186	19.6	196	20.7	155	16.3	168	17.7	107	11.3
HSA 3 (NORTHEAST)	634	78.7	235	29.2	136	16.9	239	29.7	135	16.8	139	17.3	140	17.4
HSA 4 (S.CENTRAL)	953	65.8	425	29.3	279	19.3	244	16.8	234	16.2	231	15.9	210	14.5
HSA 5 (CENTRAL)	614	80.9	241	31.7	134	17.7	194	25.6	144	19.0	141	18.6	103	13.6
HSA 6 (SOUTHWEST)	2,090	73.1	919	32.1	708	24.8	682	23.8	578	20.2	436	15.2	315	11.0
HSA 7 (NORTHWEST)	595	77.1	257	33.3	203	26.3	151	19.6	167	21.6	143	18.5	94	12.2
HSA 8 (NY-PENN)	73	67.3	33	30.4	20	18.4	16	14.7	26	24.0	19	17.5	37	34.1
HSA 9 (KEYSTONE)	334	66.9	182	36.4	98	19.6	132	26.4	115	23.0	79	15.8	94	18.8

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
LEADING CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	LIVER DISEASE AND CIRRHOSIS		SUICIDE		NEPHRITIS AND NEPHROSIS		SEPTICEMIA		AORTIC ANEURYSM		PERINATAL CONDITIONS		HOMICIDE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	1,371	11.5	1,340	11.3	1,298	10.9	1,171	9.6	904	7.6	891	7.5	613	5.2
HSA 1 (SOUTHEAST)	473	12.8	419	11.3	420	11.4	569	15.4	282	7.6	367	9.9	387	10.5
HSA 2 (EASTERN)	85	9.0	120	12.6	104	11.0	74	7.8	74	7.8	38	4.0	26	2.7
HSA 3 (NORTHEAST)	115	14.3	75	9.3	112	13.9	58	7.2	65	8.1	41	5.1	15	1.9
HSA 4 (S.CENTRAL)	104	7.2	144	9.9	113	7.8	107	7.4	97	6.7	91	6.3	41	2.8
HSA 5 (CENTRAL)	63	8.3	86	11.3	83	10.9	47	6.2	68	9.0	48	6.3	18	2.4
HSA 6 (SOUTHWEST)	383	13.4	350	12.2	339	11.9	227	7.9	207	7.2	210	7.3	97	3.4
HSA 7 (NORTHWEST)	92	11.9	86	11.1	77	10.0	52	6.7	59	7.6	50	6.5	19	2.5
HSA 8 (NY-PENN)	12	11.1	10	9.2	9	8.3	6	5.5	8	7.4	5	4.6	2	1.8
HSA 9 (KEYSTONE)	44	8.8	50	10.0	41	8.2	31	6.2	44	8.8	41	8.2	8	1.6

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
LEADING CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	CONGENITAL ANOMALIES		PNEUMOCONIOSIS		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		PARKINSON'S DISEASE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	606	5.1	602	5.1	483	3.9	439	3.7	327	2.7	282	2.4	269	2.3
HSA 1 (SOUTHEAST)	209	5.7	13	0.4	132	3.6	141	3.8	102	2.8	85	2.3	91	2.5
HSA 2 (EASTERN)	44	4.6	18	1.9	50	5.3	36	3.8	25	2.6	26	2.7	15	1.6
HSA 3 (NORTHEAST)	47	5.8	421	52.3	32	4.0	33	4.1	23	2.9	29	3.6	10	1.2
HSA 4 (S.CENTRAL)	68	4.7	9	0.6	53	3.7	46	3.2	46	3.2	24	1.7	30	2.1
HSA 5 (CENTRAL)	36	5.0	29	3.8	34	4.5	32	4.2	21	2.8	19	2.5	24	3.2
HSA 6 (SOUTHWEST)	134	4.7	50	1.7	108	3.8	107	3.7	67	2.3	62	2.2	72	2.5
HSA 7 (NORTHWEST)	38	4.9	10	1.3	30	3.9	22	2.8	25	3.2	23	3.0	13	1.7
HSA 8 (NY-PENN)	6	5.5	2	1.8	5	4.6	4	3.7	4	3.7	2	1.8	1	0.9
HSA 9 (KEYSTONE)	22	4.4	50	10.0	19	3.8	18	3.6	14	2.8	12	2.4	13	2.6

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
LEADING CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE*: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	ANEMIAS		NUTRITIONAL DEFICIENCIES		GALL BLADDER DISORDERS		ALCOHOLISM		DISEASES OF PANCREAS		VENOUS EMBOLISM & THROMBOSIS		MULTIPLE SCLEROSIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	166	1.6	168	1.4	153	1.3	149	1.3	124	1.0	114	1.0	91	0.8
HSA 1 (SOUTHEAST)	67	1.6	64	1.7	40	1.1	90	2.4	26	0.7	35	0.9	18	0.5
HSA 2 (EASTERN)	8	0.8	14	1.5	9	0.8	8	0.8	12	1.3	9	0.9	6	0.6
HSA 3 (NORTHEAST)	16	2.0	8	1.0	13	1.6	6	0.7	16	2.0	15	1.9	6	0.7
HSA 4 (S.CENTRAL)	21	1.4	19	1.3	13	0.9	8	0.6	10	0.7	10	0.7	12	0.8
HSA 5 (CENTRAL)	14	1.8	7	0.9	11	1.4	3	0.4	7	0.9	5	0.7	5	0.7
HSA 6 (SOUTHWEST)	37	1.3	37	1.3	42	1.5	23	0.8	37	1.3	32	1.1	29	1.0
HSA 7 (NORTHWEST)	11	1.4	9	1.2	11	1.4	6	0.8	9	1.2	6	0.8	8	1.0
HSA 8 (NY-PENN)	2	1.8	3	2.8	4	3.7	1	0.9	0	-	0	-	0	-
HSA 9 (KEYSTONE)	10	2.0	7	1.4	11	2.2	4	0.8	7	1.4	2	0.4	7	1.4

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
LEADING CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE*: PENNSYLVANIA, 1983

HEALTH SERVICE AREA	TUBERCULOSIS		EPILEPSY		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	64	0.7	81	0.7	63	0.5	62	0.5	9,862	82.9
HSA 1 (SOUTHEAST)	47	1.3	22	0.6	18	0.5	26	0.7	4,507	122.0
HSA 2 (EASTERN)	7	0.7	4	0.4	4	0.4	2	0.2	545	57.4
HSA 3 (NORTHEAST)	6	0.7	6	0.7	6	0.7	1	0.1	511	63.5
HSA 4 (S.CENTRAL)	11	0.8	12	0.8	3	0.2	6	0.4	778	53.7
HSA 5 (CENTRAL)	2	0.3	6	0.8	4	0.5	4	0.5	453	59.7
HSA 6 (SOUTHWEST)	9	0.3	13	0.5	12	0.4	14	0.5	2,128	74.4
HSA 7 (NORTHWEST)	1	0.1	5	0.6	12	1.6	6	0.8	520	67.3
HSA 8 (NY-PENN)	0	-	1	0.9	0	-	2	1.8	83	76.5
HSA 9 (KEYSTONE)	1	0.2	12	2.4	4	0.8	1	0.2	337	67.5

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH AREA.

TABLE C-18
RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, AND NEONATAL DEATHS
BY COUNTY, NUMBER AND RATE: PENNSYLVANIA, 1983

COUNTY	TOTAL DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		NEONATAL DEATHS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER**	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	121,066	10.2	157,810	13.3	1,970	12.3	1,764	11.2	1,229	7.8
ADAMS	858	9.3	949	13.5	12	12.5	6	6.3	5	5.3
ALLEGHENY	16,046	11.3	17,972	12.6	213	11.7	221	12.3	170	9.5
ARMSTRONG	881	11.2	1,035	13.2	12	11.5	12	11.6	7	6.8
BEAVER	2,026	10.1	2,423	12.1	24	9.8	24	9.9	18	7.4
BEDFORD	473	9.8	602	12.5	5	8.2	8	13.3	4	6.6
BERKS	3,104	9.8	4,092	13.0	43	10.4	35	8.6	22	5.4
BLAIR	1,608	11.9	1,714	12.7	17	9.8	24	14.0	17	9.9
BRADFORD	567	8.9	905	14.2	12	13.1	9	9.9	3	3.3
BUCKS	3,530	7.0	7,031	14.0	91	12.8	61	8.7	49	7.0
BUTLER	1,377	9.2	2,062	13.7	21	10.1	16	7.8	10	4.8
CAMBRIA	1,912	10.7	2,173	12.2	26	11.8	27	12.4	19	8.7
CAMERON	87	13.0	89	13.3	1	11.1	1	11.2	0	-
CARBON	657	12.1	636	11.8	6	9.3	4	6.3	3	4.7
CENTRE	658	5.7	1,333	11.6	10	7.4	15	11.3	15	11.3
CHESTER	2,463	7.5	4,559	13.8	47	10.2	47	10.3	33	7.2
CLARION	406	9.4	561	12.9	8	14.1	4	7.1	3	5.3
CLEARFIELD	862	10.2	1,141	13.5	17	14.7	14	12.3	13	11.4
CLINTON	369	9.4	473	12.0	8	16.6	3	6.3	3	6.3
COLUMBIA	614	9.9	757	12.2	9	11.7	4	5.3	2	2.6
CRAWFORD	867	9.7	1,289	14.4	16	12.3	5	3.9	4	3.1
CUMBERLAND	1,526	8.3	2,167	11.8	16	7.3	21	9.7	16	7.4
DAUPHIN	2,235	9.5	3,307	14.0	55	16.4	45	13.6	33	10.0
DELAWARE	5,808	10.5	7,561	13.7	82	10.7	66	8.7	49	6.5
ELK	322	8.6	565	15.1	5	8.8	5	8.8	3	5.3
ERIE	2,678	9.5	4,272	15.1	47	10.9	55	12.9	40	9.4
FAYETTE	1,843	11.6	2,024	12.8	17	8.3	20	9.9	9	4.4
FOREST	59	11.6	49	9.6	0	-	1	20.4	1	20.4
FRANKLIN	996	8.6	1,414	12.2	9	6.3	16	11.3	15	10.6
FULTON	118	8.8	176	13.1	1	5.6	1	5.7	1	5.7
GREENE	390	9.5	565	13.7	5	8.8	4	7.1	4	7.1
HUNTINGDON	391	9.2	545	12.8	6	10.9	2	3.7	1	1.8
INDIANA	790	8.5	1,201	12.9	12	9.9	8	6.7	6	5.0
JEFFERSON	500	10.2	742	15.2	10	13.3	9	12.1	5	6.7
JUNIATA	189	9.6	285	14.5	3	10.4	2	7.0	1	3.5
LACKAWANNA	2,834	12.6	2,720	12.1	39	14.1	26	9.6	17	6.3
LANCASTER	3,111	8.2	5,809	15.4	58	9.9	53	9.1	32	5.5
LAWRENCE	1,105	10.4	1,333	12.6	17	12.6	15	11.3	7	5.3
LEBANON	1,040	9.4	1,413	12.7	15	10.5	14	9.9	8	5.7
LEHIGH	2,585	9.4	3,415	12.4	37	10.7	24	7.0	16	4.7
LUZERNE	4,166	12.3	3,699	10.9	44	11.8	36	9.7	31	8.4
LYCOMING	1,216	10.4	1,667	14.2	16	9.5	15	9.0	11	6.6
MCKEAN	535	10.8	683	13.8	6	8.7	6	8.8	4	5.9
MERCER	1,261	10.1	1,576	12.4	11	6.9	19	12.1	13	8.2
MIFFLIN	447	9.6	639	13.7	5	7.8	6	9.4	2	3.1
MONROE	621	8.7	896	12.0	8	8.9	9	10.0	7	7.8
MONTGOMERY	5,967	9.1	8,342	12.7	108	12.6	99	11.9	73	8.8
MONTOUR	227	13.4	243	14.3	1	4.1	3	12.3	3	12.3
NORTHAMPTON	2,124	9.3	2,737	11.9	25	9.1	21	7.7	15	5.5
NORTHUMBERLAND	1,268	12.6	1,248	12.4	8	6.4	10	8.0	5	4.0
PERRY	308	8.3	491	13.3	3	6.1	4	8.1	4	8.1
PHILADELPHIA	19,960	12.1	25,200	15.2	486	18.9	422	16.7	268	10.6
PIKE	210	10.6	222	11.2	2	8.9	0	-	0	-
POTTER	163	10.1	280	15.5	4	14.1	1	3.6	0	-
SCHUYLKILL	2,046	13.0	1,794	11.4	22	12.1	14	7.8	6	3.3
SNYDER	273	7.8	490	14.0	3	6.1	3	6.1	2	4.1
SOMERSET	797	9.7	1,109	13.6	14	12.5	17	15.3	13	11.7
SULLIVAN	85	13.7	62	10.0	2	31.3	0	-	0	-
SUSQUEHANNA	355	9.2	568	14.8	4	7.0	7	12.3	4	7.0
TIOGA	389	9.7	547	13.6	3	5.5	4	7.3	4	7.3
UNION	301	9.0	422	12.6	9	20.9	6	14.2	3	7.1
VENANGO	643	9.9	864	13.4	6	6.9	5	5.8	3	3.5
WARREN	526	11.0	580	12.1	6	10.2	10	17.2	6	10.3
WASHINGTON	2,268	10.5	2,638	12.1	29	10.9	30	11.4	19	7.2
WAYNE	433	11.7	492	13.3	4	8.1	5	10.2	1	2.0
WESTMORELAND	3,904	10.0	4,488	11.5	57	12.6	47	10.5	44	9.8
WYOMING	214	7.9	425	15.7	5	11.6	5	11.8	5	11.8
YORK	2,582	8.1	4,053	12.8	47	11.5	33	8.1	19	4.7

*BIRTH AND TOTAL DEATH RATE PER 1,000 1983 PRELIMINARY PROVISIONAL ESTIMATED POPULATION,
PETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS),
INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS.
**FETAL DEATHS EXCLUDE INDUCED TERMINATIONS.

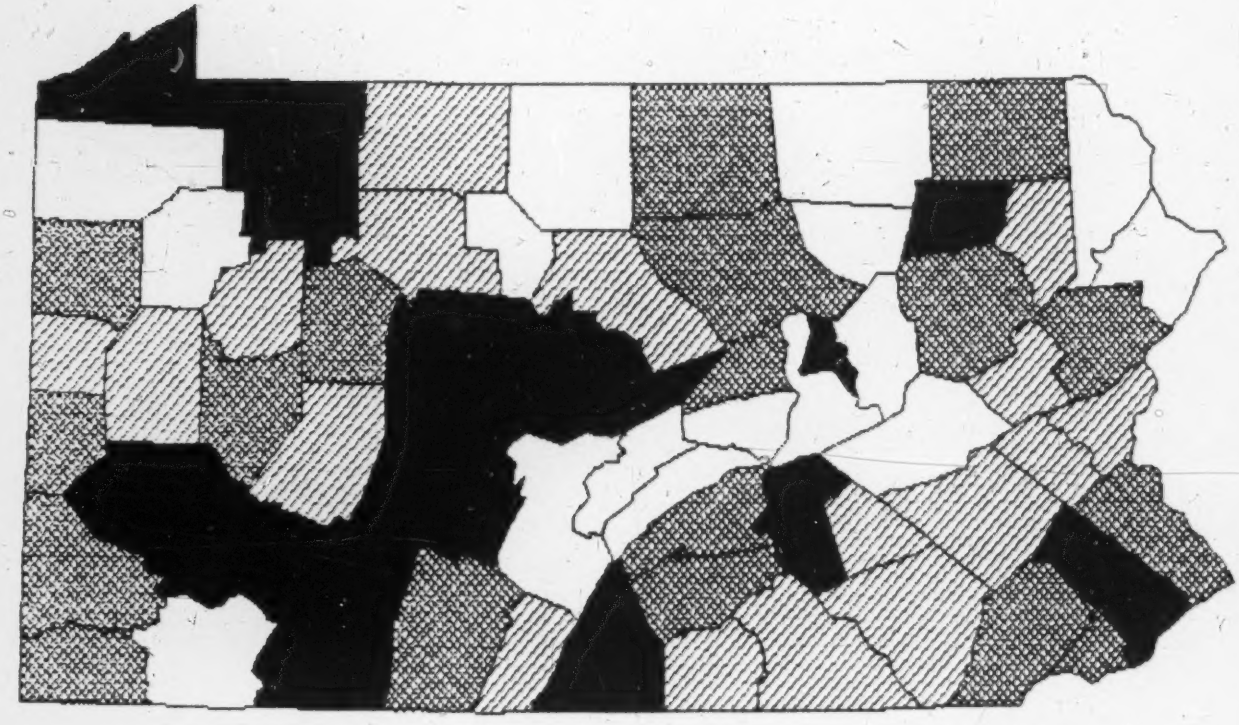
FIGURE C-18
DEATH RATES BY COUNTY
PENNSYLVANIA, 1983

RATE PER 1,000 POPULATION

FIGURE C-19
INFANT DEATH RATES BY COUNTY
PENNSYLVANIA, 1983

RATE PER 1,000 LIVE BIRTHS

FIGURE C-20
NEONATAL DEATH RATES BY COUNTY
PENNSYLVANIA, 1983



RATE PER 1,000 LIVE BIRTHS

TABLE C-19
RESIDENT DEATHS BY AGE GROUP AND COUNTY
PENNSYLVANIA, 1983

COUNTY	TOTAL DEATHS	AGE AT DEATH (IN YEARS) UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
ALL COUNTIES	121,066	2,056	148	175	646	977	2,006	2,691	6,299	17,948	30,694	33,714	23,712
ADAMS	658	6	1	2	3	9	9	19	35	90	149	160	173
ALLEGHENY	16,046	237	12	14	67	110	260	336	839	2,554	4,152	4,394	3,071
ARMSTRONG	881	18	0	0	8	10	8	25	39	104	238	249	182
BEAVER	2,026	34	1	2	12	15	35	63	108	319	566	509	362
BEDFORD	473	9	0	0	4	5	4	15	31	62	131	126	86
BERKS	3,104	44	5	5	25	26	48	55	146	388	756	960	648
BLAIR	1,008	27	1	0	9	9	13	35	64	216	412	453	349
BRADFORD	567	11	0	1	3	12	5	13	21	70	135	176	120
BUCKS	3,530	69	8	6	37	36	65	98	222	571	809	926	683
BUTLER	1,377	17	0	1	11	16	18	22	72	185	354	364	317
CAMBRIA	1,912	29	2	2	7	15	38	35	80	307	538	507	352
CAMERON	67	2	0	0	0	1	0	1	5	13	19	26	20
CARBON	657	6	0	0	6	4	4	15	23	103	175	202	119
CENTRE	658	18	3	1	2	7	7	13	38	102	147	184	136
CHESTER	2,463	62	6	10	15	29	61	76	130	359	554	612	549
CLARION	406	6	2	2	5	6	9	9	15	38	117	119	78
CLEARFIELD	862	16	0	4	2	4	17	18	46	108	212	272	161
CLINTON	369	5	1	2	2	3	8	6	20	49	107	106	62
COLUMBIA	614	5	1	1	2	9	4	12	22	83	174	176	123
CRAWFORD	867	7	2	0	2	5	11	20	40	110	217	234	219
CUMBERLAND	1,528	23	2	2	7	12	29	29	72	204	354	438	356
DAUPHIN	2,235	47	2	5	14	20	38	47	126	338	556	612	428
DELAWARE	5,608	81	5	6	20	33	95	107	312	894	1,468	1,591	1,196
ELK	322	6	0	1	0	2	4	6	19	51	87	95	51
ERIE	2,678	63	2	6	13	27	42	49	110	403	668	737	558
FAYETTE	1,843	25	0	3	7	10	26	31	92	277	485	550	337
FOREST	59	1	0	0	2	0	2	1	6	9	18	15	5
FRANKLIN	996	21	6	2	6	10	22	15	40	132	222	277	225
FULTON	118	1	0	0	2	1	0	1	8	22	30	28	25
GREENE	340	5	0	0	3	2	3	7	17	61	100	114	78
HUNTINGDON	391	4	2	1	2	1	8	12	22	63	97	113	66
INDIANA	790	10	1	1	5	6	13	11	36	109	193	228	177
JEFFERSON	500	10	0	1	4	6	11	11	25	51	130	141	110
JUNIATA	189	2	0	3	3	1	4	4	8	17	46	47	54
LACKAWANNA	2,834	29	4	8	12	13	28	50	142	382	761	901	504

(CONTINUED)

TABLE C-19
RESIDENT DEATHS BY AGE GROUP AND COUNTY
PENNSYLVANIA, 1983

COUNTY	TOTAL DEATHS	AGE AT DEATH (IN YEARS) UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
LANCASTER	3,111	61	7	4	20	29	53	70	141	351	719	881	775
LAWRENCE	1,105	20	1	0	6	6	15	18	55	178	279	299	228
LEBANON	1,040	17	3	2	8	8	11	19	34	152	238	314	234
LEHIGH	2,585	34	2	3	14	21	33	43	123	385	695	706	526
LUZERNE	4,166	43	5	5	16	33	49	68	205	625	1,172	1,211	734
LYCOMING	1,216	17	2	1	9	12	18	23	54	154	277	336	313
MCKEAN	535	9	1	0	3	3	7	8	26	64	127	175	112
MERCER	1,281	23	1	0	9	11	18	21	48	183	328	347	292
MIFFLIN	447	6	0	0	5	2	4	8	22	74	110	148	66
MONROE	651	12	2	0	5	6	13	27	28	94	161	174	129
MONTGOMERY	5,967	115	7	7	23	52	88	99	300	792	1,374	1,741	1,369
MONTOUR	227	3	0	1	0	1	1	3	10	22	54	67	45
NORTHAMPTON	2,124	26	5	1	10	15	32	48	107	377	540	579	384
NORTHUMBERLAND	1,260	14	1	1	5	8	11	22	52	185	353	409	207
PERRY	308	4	0	2	2	5	7	7	14	52	66	91	58
PHILADELPHIA	19,960	477	26	26	97	178	471	617	1,295	3,189	5,116	5,262	3,206
PIKE	210	0	0	0	2	2	2	7	11	36	51	62	37
POTTER	183	2	0	2	3	2	2	3	8	19	40	53	49
SCHUYLKILL	2,040	14	0	3	12	14	29	39	85	293	626	627	304
SNYDER	275	4	1	3	3	0	8	10	10	32	59	89	54
SOMERSET	797	18	0	3	6	5	8	7	30	124	209	224	163
SULLIVAN	85	0	0	1	0	0	0	3	3	9	16	28	25
SUSQUEHANNA	355	10	1	1	1	3	4	13	16	55	84	90	77
TIOGA	389	5	2	0	5	5	5	8	16	53	93	98	99
UNION	301	7	0	0	2	1	7	11	12	45	61	93	62
VENANGO	643	9	2	1	4	4	20	10	37	75	168	191	122
WARREN	526	11	1	2	3	2	9	6	24	66	126	153	123
WASHINGTON	2,288	32	1	2	12	18	33	46	126	340	613	603	462
WAYNE	433	5	0	0	2	3	4	12	20	52	97	127	111
WESTMORELAND	3,904	55	5	6	25	31	53	77	193	608	1,013	1,078	762
WYOMING	214	6	0	0	1	3	1	13	6	26	43	66	49
YORK	2,582	41	3	6	13	19	41	58	135	374	607	728	557

* UNKNOWN AGE AT DEATH INCLUDED IN THE 85 & OVER AGE GROUP.

TABLE C-20
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

COUNTY	ALL CAUSES		HEART DISEASE											
			TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCTION		ACUTE MYOCARDIAL INFARCTION		OTHER	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	121,066	1017.8	49,780	418.5	501	4.2	1,230	10.3	15,139	127.3	18,540	155.9	14,370	120.8
ADAMS	658	933.3	296	419.9	4	5.7	9	12.8	41	58.2	114	161.7	128	181.6
ALLEGHENY	16,046	1127.6	6,820	479.3	70	4.9	176	12.4	2,573	180.8	2,241	157.5	1,760	123.7
ARMSTRONG	681	1120.9	403	512.7	9	11.5	3	3.8	164	208.7	154	195.9	73	92.9
BEAVER	2,026	1009.0	839	417.8	12	6.0	23	11.5	281	139.9	348	173.3	175	87.2
BEDFORD	473	983.4	214	444.9	2	4.2	8	16.6	72	149.7	106	220.4	26	54.1
BERKS	3,104	983.8	1,336	423.5	13	4.1	41	13.0	370	117.3	442	140.1	470	149.0
BLAIR	1,608	1190.2	742	549.2	7	5.2	19	14.1	268	198.4	304	225.0	144	106.6
BRADFORD	567	887.3	212	331.8	1	1.6	5	7.8	61	95.5	85	133.0	60	93.9
BUCKS	3,530	703.9	1,323	263.8	10	2.0	26	5.2	388	77.4	458	91.3	441	87.9
BUTLER	1,377	917.4	609	405.7	11	7.3	3	2.0	273	181.9	216	143.9	106	70.6
CAMBRIA	1,917	1072.3	822	461.0	10	5.6	19	10.7	324	181.7	308	172.7	161	90.3
CAMERON	87	1298.5	28	417.9	1	14.9	2	29.9	7	104.5	13	194.0	5	74.6
CARBON	657	1214.4	290	536.0	2	3.7	8	14.8	67	123.8	136	251.4	77	142.3
CENTRE	658	574.7	259	226.2	4	3.5	6	5.2	74	64.6	99	86.5	76	66.4
CHESTER	2,463	746.6	985	298.7	18	5.5	17	5.2	341	103.4	305	92.5	304	92.2
CLARION	406	935.5	169	389.4	2	4.6	2	4.6	40	92.2	89	205.1	36	82.9
CLEARFIELD	862	1018.9	357	422.0	2	2.4	12	14.2	133	157.2	130	153.7	80	94.6
CLINTON	369	936.9	189	480.9	1	2.5	4	10.2	69	175.6	48	122.1	67	170.5
COLUMBIA	614	965.6	269	431.8	1	1.6	9	14.4	56	89.9	116	186.2	87	139.6
CRAWFORD	867	965.5	393	437.6	6	6.7	15	16.7	157	174.8	133	148.1	82	91.3
CUMBERLAND	1,526	831.3	607	330.3	8	4.4	13	7.1	219	119.2	222	120.8	145	78.9
DAUPHIN	2,235	949.0	889	377.5	11	4.7	20	8.5	244	103.6	258	109.6	356	151.2
DELAWARE	3,808	1053.9	2,378	431.5	27	4.9	98	17.8	606	110.0	888	161.1	759	137.7
ELK	322	856.7	144	364.0	0	-	2	5.3	62	165.3	53	141.3	27	72.0
ERIE	2,678	949.0	1,109	393.0	9	3.2	23	8.2	422	149.5	437	154.9	218	77.3
FAYETTE	1,642	1162.8	871	549.5	4	2.5	9	5.7	265	167.2	266	167.8	327	206.3
FOREST	59	1156.9	24	470.6	0	-	1	19.6	6	117.6	9	176.5	8	156.9
FRANKLIN	996	861.0	411	355.5	4	3.5	5	4.3	132	114.2	156	134.9	114	98.6
FULTON	116	860.6	43	320.9	0	-	4	29.9	7	52.2	18	134.3	14	104.5
GREENE	390	948.9	187	455.0	1	2.4	1	2.4	50	121.7	81	197.1	54	131.4
HUNTINGDON	391	915.7	175	409.8	0	-	5	11.7	48	112.4	74	173.3	48	112.4
INDIANA	790	845.8	339	363.0	4	4.3	7	7.5	119	127.4	144	154.2	65	69.6
JEFFERSON	500	1024.6	224	459.0	1	2.0	3	6.1	70	143.4	109	223.4	41	84.0
JUNIATA	169	959.4	77	490.9	0	-	0	-	31	197.4	24	121.8	22	111.7
LACKAWANNA	2,834	1259.0	1,359	603.7	12	5.3	45	20.0	395	175.5	461	204.6	446	198.1

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

COUNTY	ALL CAUSES		HEART DISEASE											
			TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCTION		ACUTE MYOCARDIAL INFARCTION		OTHER	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	3,111	824.1	1,349	357.4	7	1.9	32	8.5	389	103.0	419	111.0	502	133.0
LAWRENCE	1,105	1040.5	448	421.8	6	5.6	10	9.4	160	150.7	211	198.7	61	57.4
LEBANON	1,040	936.9	529	476.6	0	-	14	12.6	169	152.3	184	147.7	182	164.0
LEHIGH	2,585	940.0	1,108	402.9	7	2.5	24	8.7	295	107.3	456	165.8	326	118.5
LUZERNE	4,166	1231.8	1,902	562.4	21	6.2	49	14.5	492	145.5	735	217.3	605	178.9
LYCOMING	1,216	1035.8	502	427.6	6	5.1	12	10.2	141	120.1	175	149.1	168	143.1
MCKEAN	535	1063.0	270	546.6	0	-	7	14.2	72	145.7	83	168.0	108	218.6
MERCER	1,281	1007.1	526	413.5	7	5.5	8	6.3	175	137.6	250	196.5	88	69.2
MIFFLIN	447	959.2	196	420.6	1	2.1	3	6.4	54	115.9	92	197.4	46	98.7
MONROE	651	869.2	269	359.1	4	5.3	2	2.7	51	68.1	90	120.2	122	162.9
MONTGOMERY	5,967	911.3	2,368	361.6	26	4.0	49	7.5	672	102.6	888	135.6	733	111.9
MONTOUR	227	1355.3	84	494.1	0	-	1	5.9	16	94.1	42	247.1	25	147.1
NORTHAMPTON	2,124	926.7	939	409.7	9	3.9	17	7.4	246	107.3	305	133.1	362	157.9
NORTHUMBERLAND	1,268	1264.2	561	559.3	3	3.0	15	15.0	128	127.6	270	269.2	145	144.6
PERRY	308	832.4	125	337.8	1	2.7	2	5.4	44	118.9	44	118.9	34	91.9
PHILADELPHIA	19,960	1205.1	6,677	403.1	66	4.0	224	13.5	1,432	86.5	2,731	164.9	2,224	134.3
PIKE	210	1060.6	83	419.2	1	5.1	2	10.1	34	171.7	26	131.3	20	101.0
POTTER	183	1011.0	66	364.6	0	-	3	16.6	17	93.9	26	143.6	20	110.5
SCHUYLKILL	2,046	1295.8	876	554.8	14	8.9	13	8.2	334	211.5	318	201.4	197	124.8
SNYDER	273	780.0	128	365.7	2	5.7	3	8.6	35	100.0	61	174.3	27	77.1
SOMERSET	797	974.3	353	431.5	2	2.4	21	25.7	140	171.1	124	151.6	66	80.7
SULLIVAN	65	1371.0	35	564.5	0	-	1	16.1	6	96.8	13	209.7	15	241.9
SUSQUEHANNA	355	924.5	147	382.8	1	2.6	5	13.0	46	119.8	52	135.4	41	106.8
TIOGA	389	970.1	161	401.5	1	2.5	2	5.0	23	57.4	91	226.9	44	109.7
UNION	301	895.6	114	339.3	2	6.0	3	8.9	25	74.4	50	148.8	34	101.2
VENANGO	643	993.6	270	417.3	5	7.7	3	4.6	97	149.9	98	151.5	67	103.6
WARREN	526	1095.8	204	425.0	1	2.1	4	8.3	80	166.7	73	152.2	44	91.7
WASHINGTON	2,288	1052.4	998	459.1	13	6.0	6	2.8	354	162.8	400	184.0	225	103.5
WAYNE	433	1167.1	187	504.0	2	5.4	10	27.0	48	129.4	78	210.2	49	132.1
WESTMORELAND	3,904	999.7	1,725	441.7	18	4.6	15	3.8	710	181.8	579	148.3	403	103.2
WYOMING	294	792.6	91	337.0	2	7.4	3	11.1	16	59.3	43	159.3	27	100.0
YORK	2,582	812.7	1,097	345.3	6	1.9	26	8.2	201	63.3	506	159.3	358	112.7

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

	MALIGNANT NEOPLASMS									
	TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM		BONE, TISSUE, SKIN AND BREAST	
COUNTY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	26,917	226.3	469	3.9	7,317	61.5	6,729	56.6	3,058	25.7
ADAMS	132	187.2	0	-	45	63.8	26	36.9	20	28.4
ALLEGHENY	3,797	266.8	77	5.4	975	68.5	1,022	71.8	400	28.1
ARMSTRONG	162	231.6	4	5.1	45	57.3	50	63.6	20	25.4
BEAVER	440	219.1	10	5.0	118	58.8	131	65.2	50	24.9
BEDFORD	109	226.6	2	4.2	36	74.8	20	41.6	10	20.8
BERKS	718	227.6	11	3.5	176	55.8	192	60.9	96	30.4
BLAIR	322	238.3	5	3.7	82	60.7	96	71.1	35	25.9
BRADFORD	126	197.2	0	-	39	61.0	26	40.7	7	11.0
BUCKS	821	163.7	14	2.8	209	41.7	221	44.1	114	22.7
BUTLER	304	202.5	6	4.0	74	49.3	77	51.3	37	24.7
CAMBRIA	414	232.2	10	5.6	119	66.7	102	57.2	50	28.0
CAMERON	19	283.6	0	-	4	59.7	4	59.7	2	29.9
CARBON	139	256.9	3	5.5	37	68.4	28	51.8	23	42.5
CENTRE	154	134.5	1	0.9	34	29.7	37	32.3	12	10.5
CHESTER	561	170.1	6	1.8	136	41.2	140	42.4	64	19.4
CLARION	63	191.2	0	-	28	64.5	18	41.5	10	23.0
CLEARFIELD	170	200.9	3	3.5	52	61.5	38	44.9	19	22.5
CLINTON	75	190.8	2	5.1	26	66.2	12	30.5	2	5.1
COLUMBIA	114	183.0	3	4.8	38	61.0	20	32.1	19	30.5
CRAWFORD	177	197.1	6	6.7	41	45.7	46	51.2	23	25.6
CUMBERLAND	316	171.9	4	2.2	76	41.3	82	44.6	45	24.5
DAUPHIN	483	205.1	6	2.5	133	56.5	134	56.9	58	24.6
DELAWARE	1,410	255.9	35	6.4	406	73.7	342	62.1	167	30.3
ELK	76	202.7	1	2.7	22	58.7	23	61.3	4	10.7
ERIE	548	194.2	12	4.3	147	52.1	151	53.5	59	20.9
FAYETTE	338	213.2	7	4.4	102	64.4	73	46.1	32	20.2
FOREST	9	176.5	0	-	2	39.2	4	78.4	1	19.6
FRANKLIN	232	200.7	0	-	59	51.0	57	49.3	28	24.2
FULTON	32	238.8	1	7.5	10	74.6	3	22.4	4	29.9
GREENE	73	177.6	1	2.4	12	29.2	24	58.4	8	19.5
HUNTINGDON	82	192.0	0	-	21	49.2	23	53.9	7	16.4
INDIANA	143	153.1	3	3.2	43	46.0	29	31.0	18	19.3
JEFFERSON	93	190.6	2	4.1	29	59.4	20	41.0	9	18.4
JUNIATA	31	157.4	0	-	13	66.0	6	30.5	4	20.3
LACKAWANNA	615	273.2	12	5.3	205	91.1	124	55.1	73	32.4

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

COUNTY	MALIGNANT NEOPLASMS									
	TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM		BONE, TISSUE, SKIN AND BREAST	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	648	171.7	9	2.4	173	45.8	139	36.8	102	27.0
LAWRENCE	258	242.9	3	2.8	67	63.1	69	65.0	34	32.0
LEBANON	206	185.6	1	0.9	53	47.7	51	45.9	24	21.6
LEHIGH	656	238.5	13	4.7	166	60.4	152	55.3	77	28.0
LUZERNE	846	250.1	20	5.9	251	74.2	174	51.4	90	26.6
LYCOMING	258	219.8	2	1.7	71	60.5	67	57.1	35	29.8
MCKEAN	100	202.4	3	6.1	25	50.6	16	32.4	12	24.3
MERCER	282	221.7	1	0.8	94	73.9	64	50.3	29	22.8
MIFFLIN	101	216.7	0	-	21	45.1	22	47.2	11	23.6
MONROE	142	189.6	2	2.7	43	57.4	34	45.4	11	14.7
MONTGOMERY	1,429	217.5	20	3.1	382	58.3	369	56.4	153	23.4
MONTOUR	43	252.9	0	-	12	70.6	3	17.6	5	29.4
NORTHAMPTON	511	222.9	8	3.5	132	57.6	124	54.1	68	29.7
NORTHUMBERLAND	254	253.2	5	5.0	56	55.8	64	63.8	26	25.9
PERRY	62	167.6	1	2.7	20	54.1	15	40.5	4	10.8
PHILADELPHIA	4,527	273.3	97	5.9	1,221	73.7	1,199	72.4	483	29.2
PIKE	45	227.3	0	-	10	50.5	11	55.6	7	35.4
POTTER	36	209.9	0	-	14	77.3	8	44.2	1	5.5
SCHUYLKILL	415	262.8	8	5.1	118	74.7	87	55.1	42	26.6
SNYDER	55	157.1	2	5.7	9	25.7	13	37.1	6	17.1
SOMERSET	147	179.7	2	2.4	46	56.2	32	39.1	19	23.2
SULLIVAN	16	258.1	0	-	8	129.0	2	32.3	1	16.1
SUSQUEHANNA	75	195.3	1	2.6	27	70.3	12	31.2	10	26.0
TIOGA	80	199.5	1	2.5	22	54.9	22	54.9	6	15.0
UNION	62	184.5	0	-	15	44.6	10	29.8	10	29.8
VENANGO	131	202.5	2	3.1	30	46.4	43	66.5	12	18.5
WARREN	111	231.2	0	-	41	85.4	27	56.2	9	18.7
WASHINGTON	466	223.6	5	2.3	125	57.5	110	50.6	59	27.1
WAYNE	93	250.7	0	-	27	72.8	20	53.9	15	40.4
WESTMORELAND	836	214.1	11	2.8	269	68.9	195	49.9	89	22.8
WYOMING	47	174.1	1	3.7	7	25.9	16	59.3	5	18.5
YORK	624	196.4	4	1.3	168	52.9	158	49.7	73	23.0

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

	MALIGNANT NEOPLASMS							
	GENITO-URINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
COUNTY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	3,767	31.7	3,189	26.8	963	8.1	1,425	12.0
ADAMS	15	21.3	10	14.2	6	8.5	10	14.2
ALLEGHENY	521	36.6	439	30.9	144	10.1	219	15.4
ARMSTRONG	29	36.9	23	29.3	3	3.8	8	10.2
BEAVER	55	26.4	43	21.4	15	7.5	20	10.0
BEDFORD	13	27.0	13	27.0	6	12.5	9	18.7
BERKS	116	36.8	66	20.9	21	6.7	40	12.7
BLAIR	45	33.3	25	18.5	18	13.3	16	11.8
BRADFORD	24	37.6	18	28.2	6	9.4	6	9.4
BUCKS	37	17.3	102	20.3	33	6.6	41	8.2
BUTLER	40	26.6	40	26.6	13	8.7	17	11.3
CAMBRIA	62	34.8	45	25.2	10	5.6	16	9.0
CAMERON	3	44.8	4	59.7	0	-	2	29.9
CARBON	14	25.9	20	37.0	4	7.4	10	18.5
CENTRE	28	24.5	24	21.0	8	7.0	10	8.7
CHESTER	61	24.6	72	21.8	22	6.7	40	12.1
CLARION	13	30.0	8	18.4	3	6.9	3	6.9
CLEARFIELD	23	27.2	18	21.3	7	8.3	10	11.8
CLINTON	14	35.6	14	35.6	2	5.1	3	7.6
COLUMBIA	12	19.3	11	17.7	4	6.4	7	11.2
CRAWFORD	24	26..	26	29.0	5	5.6	6	6.7
CUMBERLAND	46	25.0	36	19.6	11	6.0	16	8.7
DAUPHIN	69	29.3	48	20.4	11	4.7	24	10.2
DELAWARE	180	32.7	160	29.0	52	9.4	68	12.3
ELK	14	37.3	6	16.0	3	8.0	3	8.0
ERIE	88	31.2	47	16.7	17	6.0	27	9.6
FAYETTE	48	30.3	47	29.7	8	5.0	21	13.2
FOREST	1	19.6	1	19.6	0	-	0	-
FRANKLIN	38	32.9	26	22.5	14	12.1	10	8.7
FULTON	7	52.2	4	29.9	2	14.9	1	7.5
GREENE	6	14.6	16	38.9	1	2.4	5	12.2
HUNTINGDON	10	23.4	13	30.4	1	2.3	7	16.4
INDIANA	16	17.1	14	15.0	10	10.7	10	10.7
JEFFERSON	11	22.5	11	22.5	5	10.2	6	12.3
JUNIATA	2	10.2	3	15.2	1	5.1	2	10.2
LACKAWANNA	88	35.5	61	27.1	20	8.9	40	17.8

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

	MALIGNANT NEOPLASMS							
	GENITO-URINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
COUNTY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	95	25.2	65	17.2	30	7.9	35	9.3
LAWRENCE	37	34.8	29	27.3	7	6.6	12	11.3
LEBANON	39	35.1	23	20.7	6	5.4	9	8.1
LEHIGH	91	33.1	93	33.8	23	8.4	41	14.9
LUZERNE	131	38.7	105	31.0	34	10.1	41	12.1
LYCOMING	38	32.4	35	29.8	5	4.3	5	4.3
MCKEAN	22	44.5	11	22.3	6	12.1	5	10.1
MERCER	43	33.8	30	23.6	11	8.6	10	7.9
MIFFLIN	19	40.8	21	45.1	3	6.4	4	8.6
MONROE	22	29.4	15	20.0	6	8.0	9	12.0
MONTGOMERY	209	31.9	161	24.6	50	7.6	80	12.2
MONTOUR	14	82.4	7	41.2	0	-	2	11.8
NORTHAMPTON	70	30.5	67	29.2	18	7.9	24	10.5
NORTHUMBERLAND	34	33.9	42	41.9	6	6.0	21	20.9
PERRY	9	24.3	8	21.6	3	8.1	2	5.4
PHILADELPHIA	608	36.7	556	33.6	144	8.7	219	13.2
PIKE	8	40.4	5	25.3	3	15.2	1	5.1
POTTER	5	27.6	7	38.7	1	5.5	2	11.0
SCHUYLKILL	53	33.6	73	46.2	17	10.8	17	10.8
SNYDER	11	31.4	9	25.7	1	2.9	4	11.4
SOMERSET	17	20.8	17	20.8	8	9.8	6	7.3
SULLIVAN	2	32.3	1	16.1	2	32.3	0	-
SUSQUEHANNA	10	26.0	7	18.2	3	7.8	5	13.0
TIOGA	10	24.9	15	37.4	1	2.5	3	7.5
UNION	9	26.8	9	26.8	4	11.9	5	14.9
VENANGO	24	37.1	10	15.5	4	6.2	6	9.3
WARREN	12	25.0	9	18.7	4	8.3	9	18.7
WASHINGTON	72	33.1	60	27.6	17	7.8	38	17.5
WAYNE	14	37.7	13	35.0	3	8.1	1	2.7
WESTMORELAND	110	28.2	91	23.3	25	6.4	46	11.8
WYOMING	4	14.8	6	22.2	4	14.8	4	14.8
YORK	92	29.0	75	23.6	28	8.8	26	8.2

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

COUNTY	CEREBROVASCULAR DISEASE		CHRONIC OBSTRUCTIVE PULMUNARY DIS.		PNEUMONIA & INFLUENZA		DIABETES MELLITUS		ACCIDENTS OTHER		ACCIDENTS MOTOR VEHICLE		ATHERO-SCLEROSIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	8,364	70.5	3,521	29.6	2,651	22.3	2,502	21.0	2,335	19.6	1,812	15.2	1,451	12.2
ADAMS	46	66.1	19	27.0	14	19.9	19	27.0	15	21.3	17	24.1	24	34.0
ALLEGHENY	1,098	77.2	472	33.2	387	27.2	348	24.5	291	20.4	178	12.5	131	9.2
ARMSTRONG	66	84.0	23	29.3	18	22.9	17	21.6	20	25.4	20	25.4	12	15.3
BEAVER	157	78.2	65	32.4	45	22.4	49	24.4	42	20.9	23	11.5	32	15.9
BEDFORD	38	79.0	17	35.3	12	24.9	8	16.6	9	18.7	11	22.9	12	24.9
BERKS	201	65.7	85	26.3	72	22.8	69	21.9	61	19.3	56	17.7	36	11.4
BLAIR	106	78.5	63	46.6	26	19.2	37	27.4	33	24.4	16	11.8	29	21.5
BRADFORD	43	67.3	18	28.2	10	15.6	9	14.1	12	18.8	12	18.8	27	42.3
BUCKS	279	55.6	102	20.3	66	13.2	53	10.6	43	8.6	83	16.6	44	8.8
BUTLER	80	53.3	51	34.0	42	28.0	28	18.7	18	12.0	38	25.3	29	19.3
CAMBRIA	95	55.5	55	30.8	30	16.8	66	37.0	43	24.1	31	17.4	27	15.1
CAMERON	7	104.5	4	59.7	2	29.9	5	74.6	3	44.8	2	29.9	5	74.6
CARBON	45	83.2	16	29.6	12	22.2	13	24.0	10	18.5	9	16.6	6	11.1
CENTRE	63	55.0	25	21.8	13	11.4	22	19.2	12	10.5	14	12.2	7	6.1
CHESTER	143	43.4	71	21.5	54	16.4	41	12.4	54	16.4	63	19.1	23	7.0
CLARION	21	46.4	13	30.0	9	20.7	6	13.8	10	23.0	15	34.6	2	4.6
CLEARFIELD	71	83.9	42	49.6	20	23.6	21	24.8	18	21.3	17	20.1	17	20.1
CLINTON	21	53.4	7	17.8	2	5.1	9	22.9	5	12.7	12	30.5	4	10.2
COLUMBIA	61	97.9	15	24.1	13	20.9	23	36.9	6	9.6	12	19.3	8	12.8
CRAWFORD	73	81.3	20	22.3	24	26.7	12	13.4	12	13.4	18	20.0	19	21.2
CUMBERLAND	140	76.2	63	34.3	53	28.8	28	15.2	27	14.7	23	12.5	39	21.2
DAUPHIN	164	69.6	87	36.9	52	22.1	41	17.4	50	21.2	29	12.3	29	12.3
DELAWARE	397	72.0	177	32.1	137	24.9	97	17.6	107	19.4	69	12.5	77	14.0
ELK	25	66.7	7	18.7	6	16.0	8	21.3	6	16.0	2	5.3	0	-
ERIE	253	82.6	95	33.7	62	22.0	55	19.5	59	20.9	36	12.8	27	9.6
FAYETTE	129	81.4	38	24.0	36	22.7	37	23.3	42	26.5	25	15.8	8	5.0
FOREST	5	98.0	2	39.2	0	-	3	58.8	2	39.2	2	39.2	2	39.2
FRANKLIN	78	67.5	29	25.1	21	18.2	21	18.2	16	13.8	25	21.6	28	24.2
FULTON	7	52.2	2	14.9	2	14.9	0	-	2	14.9	1	7.5	10	74.6
GREENE	19	46.2	11	26.8	16	38.9	8	19.5	11	26.8	5	12.2	2	4.9
HUNTINGDON	34	79.6	11	25.8	8	18.7	6	14.1	8	18.7	11	25.8	9	21.1
INDIANA	55	58.9	26	27.8	13	13.9	16	17.1	25	26.8	16	17.1	33	35.3
JEFFERSON	31	63.5	19	38.9	11	22.5	8	16.4	16	32.8	10	20.5	11	22.5
JUNIATA	21	106.6	8	40.6	2	10.2	5	25.4	8	40.6	5	25.4	4	20.3
LACKAWANNA	160	71.1	80	35.5	39	17.3	69	30.7	36	16.0	34	15.1	30	13.3

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

COUNTY	CEREBROVASCULAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS.		PNEUMONIA & INFLUENZA		DIABETES MELLITUS		ACCIDENTS OTHER		ACCIDENTS MOTOR VEHICLE		ATHERO-SCLEROSIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	248	65.7	99	26.2	62	16.4	56	14.8	60	15.9	60	15.9	53	14.0
LAWRENCE	78	73.4	33	31.1	22	20.7	14	13.2	26	24.5	21	19.8	13	12.2
LEBANON	74	66.7	28	25.2	19	17.1	29	26.1	19	17.1	16	14.4	7	6.3
LEHIGH	168	61.1	64	23.3	52	18.9	57	20.7	30	10.9	57	20.7	38	13.8
LUZERNE	275	81.3	83	24.5	63	18.6	95	28.1	58	17.1	58	17.1	66	19.5
LYCOMING	102	86.9	39	33.2	22	18.7	29	24.7	18	15.3	23	19.6	7	6.0
MCKEAN	37	74.9	18	36.4	13	26.3	5	10.1	19	38.5	9	18.2	4	8.1
MERCER	100	78.6	34	26.7	44	34.6	29	22.8	21	16.5	22	17.3	13	10.2
MIFFLIN	31	66.5	9	19.3	9	19.3	12	25.8	12	25.8	5	10.7	9	19.3
MONROE	41	54.7	24	32.0	16	21.4	13	17.4	15	20.0	20	26.7	2	2.7
MONTGOMERY	451	68.9	179	27.3	173	26.4	101	15.4	99	15.1	90	13.7	56	8.6
MONTOUR	18	105.9	5	29.4	7	41.2	8	47.1	9	52.9	5	29.4	2	11.8
NORTHAMPTON	130	56.7	67	29.2	34	14.8	44	19.2	39	17.0	26	11.3	25	10.9
NORTHUMBERLAND	97	96.7	44	43.9	21	20.9	33	32.9	17	16.9	18	17.9	19	18.9
PERRY	27	73.0	14	37.8	2	5.4	7	18.9	2	5.4	13	35.1	4	10.8
PHILADELPHIA	1,236	74.6	446	26.9	457	27.6	356	21.5	478	28.9	151	9.1	151	9.1
PIKE	16	80.6	8	40.4	4	20.2	2	10.1	5	25.3	4	20.2	4	20.2
POTTER	14	77.3	7	38.7	5	27.6	3	16.6	2	11.0	8	44.2	4	22.1
SCHUYLKILL	134	84.9	47	29.8	18	11.4	61	38.6	30	19.0	31	19.6	9	5.7
SNYDER	19	54.3	8	22.9	4	11.4	9	25.7	4	11.4	6	17.1	5	14.3
SOMERSET	54	66.0	34	41.6	20	24.4	15	18.3	20	24.4	9	11.0	7	8.6
SULLIVAN	6	96.6	4	64.5	3	48.4	2	32.3	5	80.6	1	16.1	0	-
SUSQUEHANNA	24	62.5	11	28.6	7	18.2	5	13.0	9	23.4	6	15.6	10	26.0
TIOGA	40	99.8	11	27.4	4	10.0	8	20.0	13	32.4	8	20.0	4	10.0
UNION	39	116.1	9	26.8	6	17.9	7	20.8	6	17.9	6	17.9	6	17.9
VENANGO	47	72.6	30	46.4	14	21.6	18	27.8	14	21.6	19	29.4	13	20.1
WARREN	33	68.7	27	56.2	24	50.0	7	14.6	19	39.6	10	20.8	5	10.4
WASHINGTON	149	68.5	71	32.7	65	29.9	67	30.8	44	20.2	39	17.9	23	10.6
WAYNE	41	110.5	13	35.0	10	27.0	9	24.3	5	13.5	8	21.6	15	40.4
WESTMORELAND	259	66.3	129	33.0	64	16.4	98	25.1	59	15.1	71	18.2	32	8.2
WYOMING	8	29.6	4	14.8	2	7.4	3	11.1	1	3.7	4	14.8	16	59.3
YORK	174	54.6	86	27.1	56	17.6	43	13.5	45	14.2	48	15.1	26	8.2

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*
PENNSYLVANIA, 1983

COUNTY	LIVER DISEASE AND CIRRHOSIS		SUICIDE		NEPHRITIS AND NEPHROSIS		SEPTICEMIA		AORTIC ANEURYSM		PERINATAL CONDITIONS		HOMICIDE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	1,371	11.5	1,340	11.3	1,298	10.9	1,171	9.8	904	7.6	891	7.5	613	5.2
ADAMS	2	2.8	10	14.2	1	1.4	3	4.3	6	8.5	3	4.3	1	1.4
ALLEGHENY	231	16.2	188	13.2	193	13.6	142	10.0	104	7.3	125	8.8	61	4.3
ARMSTRONG	5	6.4	9	11.5	10	12.7	5	6.4	7	8.9	4	5.1	0	-
BEAVER	29	14.4	35	17.4	18	9.0	8	4.0	12	6.0	17	8.5	10	5.0
BEDFORD	3	6.2	4	8.3	2	4.2	2	4.2	2	4.2	3	6.2	0	-
BERKS	28	8.9	39	12.4	31	9.8	25	7.9	24	7.6	11	3.5	11	3.5
BLAIR	14	10.4	11	8.1	9	6.7	12	8.9	13	9.6	15	11.1	3	2.2
BRADFORD	9	14.1	3	4.7	5	7.8	4	6.3	4	6.3	2	3.1	0	-
BUCKS	40	8.0	51	10.2	32	6.4	33	6.6	26	5.2	28	5.6	8	1.6
BUTLER	10	6.7	18	12.0	11	7.3	6	4.0	11	7.3	5	3.3	1	0.7
CAMBRIA	18	10.1	25	14.0	18	10.1	13	7.3	16	9.0	16	9.0	2	1.1
CAMERON	0	-	1	14.9	1	14.9	0	-	1	14.9	0	-	0	-
CARBON	9	16.6	13	24.0	9	16.6	5	9.2	5	9.2	2	3.7	0	-
CENTRE	1	0.9	12	10.5	7	6.1	3	2.6	4	3.5	9	7.9	0	-
CHESTER	25	7.6	35	10.6	23	7.0	19	5.8	24	7.3	29	8.8	10	3.0
CLARION	2	4.6	10	23.0	9	20.7	5	11.5	1	2.3	3	6.9	2	4.6
CLEARFIELD	11	13.0	10	11.8	8	9.5	5	5.9	8	9.5	10	11.8	1	1.2
CLINTON	4	10.2	3	7.6	3	7.6	1	2.5	1	2.5	1	2.5	1	2.5
COLUMBIA	6	9.6	4	6.4	8	12.8	2	3.2	7	11.2	2	3.2	1	1.6
CRAWFORD	10	11.1	15	16.7	7	7.8	2	2.2	12	13.4	3	3.3	1	1.1
CUMBERLAND	13	7.1	19	10.3	14	7.6	13	7.1	12	6.5	11	6.0	7	3.8
DAUPHIN	27	11.5	33	14.0	22	9.3	41	17.4	15	6.4	18	7.6	19	8.1
DELAWARE	65	11.8	67	12.2	49	8.9	69	12.5	46	8.3	40	7.3	30	5.4
ELK	4	10.7	2	5.3	4	10.7	0	-	4	10.7	3	8.0	1	2.7
ERIE	36	12.6	26	9.2	28	9.9	21	7.4	14	5.0	25	8.9	9	3.2
FAYETTE	21	13.2	15	9.5	20	12.6	14	8.8	12	7.6	4	2.5	7	4.4
FOREST	1	19.6	2	39.2	0	-	0	-	0	-	1	19.6	1	19.6
FRANKLIN	8	6.9	4	3.5	8	6.9	5	4.3	10	8.7	12	10.4	1	0.9
FULTON	1	7.5	1	7.5	1	7.5	1	7.5	1	7.5	1	7.5	0	-
GREENE	2	4.9	2	4.9	5	12.2	4	9.7	4	9.7	3	7.3	1	2.4
HUNTINGDON	1	2.3	1	2.3	4	9.4	0	-	3	7.0	1	2.3	2	4.7
INDIANA	6	6.4	13	13.9	7	7.5	2	2.1	7	7.5	6	6.4	1	1.1
JEFFERSON	5	10.2	5	10.2	8	16.4	1	2.0	4	8.2	4	8.2	1	2.0
JUNIATA	2	10.2	1	5.1	1	5.1	4	20.3	2	10.2	0	-	0	-
LACKAWANNA	34	15.1	12	5.3	26	11.6	18	8.0	24	10.7	13	5.8	6	2.7

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

COUNTY	LIVER DISEASE AND CIRRHOSIS		SUICIDE		NEPHRITIS AND NEPHROSIS		SEPTICEMIA		AORTIC ANEURYSM		PERINATAL CONDITIONS		HOMICIDE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	24	6.4	43	11.4	22	5.8	21	5.6	24	6.4	22	5.8	5	1.3
LAWRENCE	11	10.4	8	7.5	19	17.9	3	2.8	11	10.4	6	5.6	1	0.9
LEBANON	5	4.5	8	7.2	8	7.2	5	4.5	5	4.5	7	6.3	2	1.8
LEHIGH	19	6.9	28	10.2	33	12.0	25	9.1	13	4.7	10	3.6	8	2.9
LUZERNE	45	13.3	41	12.1	51	15.1	25	7.4	15	4.4	19	5.6	5	1.5
LYCOMING	10	8.5	21	17.9	15	12.8	13	11.1	11	9.4	9	7.7	0	-
MCKEAN	8	16.2	6	12.1	4	8.1	1	2.0	5	6.1	1	2.0	0	-
MERCER	10	7.9	16	12.6	15	11.8	16	12.6	7	5.5	7	5.5	3	2.4
MIFFLIN	2	4.3	2	4.3	5	10.7	2	4.3	6	12.9	2	4.3	1	2.1
MONROE	14	18.7	10	13.4	8	10.7	8	10.7	8	10.7	4	5.3	2	2.7
MONTGOMERY	62	9.5	62	9.5	52	7.9	54	8.2	63	9.6	64	9.8	24	3.7
MONTOUR	2	11.8	0	-	5	29.4	4	23.5	4	23.5	2	11.8	0	-
NORTHAMPTON	15	6.5	30	13.1	23	10.0	11	4.8	24	10.5	11	4.8	5	2.2
NORTHUMBERLAND	12	12.0	15	15.0	11	11.0	10	10.0	11	11.0	3	3.0	5	5.0
PERRY	2	5.4	3	8.1	5	13.5	2	5.4	4	10.8	2	5.4	0	-
PHILADELPHIA	281	17.0	204	12.3	264	15.9	394	23.8	123	7.4	206	12.4	315	19.0
PIKE	2	10.1	2	10.1	4	20.2	1	5.1	1	5.1	0	-	0	-
POTTER	3	16.6	1	5.5	1	5.5	2	11.0	2	11.0	0	-	1	5.5
SCHUYLKILL	25	15.8	17	10.8	23	14.6	11	7.0	19	12.0	5	3.2	4	2.5
SNYDER	2	5.7	3	8.6	4	11.4	0	-	2	5.7	1	2.9	1	2.9
SOMERSET	7	6.6	6	9.8	7	8.6	3	3.7	9	11.0	5	6.1	1	1.2
SULLIVAN	0	-	1	16.1	1	16.1	0	-	1	16.1	0	-	0	-
SUSQUEHANNA	3	7.8	6	15.6	3	7.8	2	5.2	3	7.8	3	7.8	2	5.2
TIOGA	4	10.0	5	12.5	5	12.5	2	5.0	6	15.0	3	7.5	3	7.5
UNION	2	6.0	5	14.9	3	8.9	0	-	2	6.0	2	6.0	4	11.9
VENANGO	12	18.5	1	1.5	4	6.2	3	4.6	10	15.5	2	3.1	0	-
WARREN	6	12.5	6	12.5	4	8.3	2	4.2	5	10.4	5	10.4	1	2.1
WASHINGTON	27	12.4	25	11.5	20	9.2	18	8.3	15	6.9	14	6.4	7	3.2
WAYNE	7	18.9	2	5.4	8	21.6	2	5.4	3	8.1	1	2.7	0	-
WESTMORELAND	41	10.5	37	9.5	36	9.2	25	6.4	24	6.1	26	6.7	8	2.0
WYOMING	2	7.4	1	3.7	0	-	1	3.7	3	11.1	3	11.1	0	-
YORK	23	7.2	24	7.6	33	10.4	17	5.4	21	6.6	16	5.0	6	1.9

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*
PENNSYLVANIA, 1983

COUNTY	CONGENITAL ANOMALIES		PNEUMOCONIOSIS		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		PARKINSON'S DISEASE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	606	5.1	602	5.1	463	3.9	439	3.7	327	2.7	282	2.4	269	2.3
ADAMS	1	1.4	0	-	1	1.4	4	5.7	2	2.8	1	1.4	1	1.4
ALLEGHENY	69	4.8	11	0.8	50	3.5	50	3.5	30	2.1	32	2.2	39	2.7
ARMSTRONG	7	8.9	2	2.5	1	1.3	2	2.5	1	1.3	3	3.8	1	1.3
BEAVER	11	5.5	0	-	9	4.5	8	4.0	2	1.0	2	1.0	5	2.5
BEDFORD	2	4.2	4	8.3	0	-	0	-	2	4.2	2	4.2	0	-
BERKS	16	5.1	3	1.0	20	6.3	10	3.2	11	3.5	11	3.5	7	2.2
BLAIR	5	3.7	1	0.7	6	4.4	7	5.2	2	1.5	5	3.7	7	5.2
BRADFORD	3	4.7	0	-	2	3.1	3	4.7	2	3.1	1	1.6	1	1.6
BUCKS	24	4.8	2	0.4	12	2.4	11	2.2	12	2.4	7	1.4	5	1.0
BUTLER	7	4.7	0	-	8	5.3	7	4.7	3	2.0	4	2.7	1	0.7
CAMBRIA	6	3.4	29	16.3	5	2.8	2	1.1	4	2.2	3	1.7	4	2.2
CAMERON	0	-	1	14.9	2	29.9	0	-	0	-	0	-	0	-
CARBON	3	5.5	13	24.0	3	5.5	2	3.7	2	3.7	3	5.5	0	-
CENTRE	6	7.0	1	0.9	4	3.5	2	1.7	0	-	0	-	3	2.6
CHESTER	11	3.3	1	0.3	12	3.6	10	3.0	12	3.6	5	1.5	5	1.5
CLARION	1	2.3	4	9.2	3	6.9	2	4.6	0	-	4	9.2	1	2.3
CLEARFIELD	3	3.5	0	-	3	3.5	0	-	1	1.2	0	-	1	1.2
CLINTON	3	7.6	0	-	0	-	0	-	0	-	1	2.5	1	2.5
COLUMBIA	1	1.6	3	4.8	2	3.2	2	3.2	2	3.2	4	6.4	1	1.6
CRAWFORD	3	3.3	0	-	5	5.6	2	2.2	1	1.1	3	3.3	2	2.2
CUMBERLAND	8	4.4	0	-	2	1.1	8	4.4	4	2.2	3	1.6	2	1.1
DAUPHIN	19	8.1	4	1.7	18	7.6	9	3.8	7	3.0	4	1.7	4	1.7
DELAWARE	26	4.7	1	0.2	16	2.9	30	5.4	17	3.1	9	1.6	16	3.3
ELK	0	-	0	-	1	2.7	0	-	1	2.7	1	2.7	1	2.7
ERIE	17	6.0	0	-	10	3.5	10	3.5	10	3.5	9	3.2	3	1.1
FAYETTE	6	3.8	18	11.4	4	2.5	8	5.0	4	2.5	5	3.2	6	3.8
FOREST	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRANKLIN	5	4.3	0	-	4	3.5	3	2.6	4	3.5	5	4.3	3	2.6
FULTON	1	7.5	0	-	1	7.5	1	7.5	0	-	0	-	0	-
GREENE	2	4.9	5	12.2	0	-	0	-	3	7.3	0	-	1	2.4
HUNTINGDON	1	2.3	2	4.7	3	7.0	4	9.4	4	9.4	0	-	1	2.3
INDIANA	2	2.1	3	3.2	2	2.1	4	4.3	8	8.6	0	-	0	-
JEFFERSON	4	8.2	1	2.0	2	4.1	3	6.1	1	2.0	4	8.2	0	-
JUNIATA	2	10.2	0	-	1	5.1	1	5.1	1	5.1	1	5.1	0	-
LACKAWANNA	17	7.6	69	30.7	9	4.0	12	5.3	9	4.0	10	4.4	3	1.3

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*
PENNSYLVANIA, 1983

COUNTY	CONGENITAL ANOMALIES		PNEUMOCONIOSIS		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		PARKINSON'S DISEASE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	20	5.3	2	0.5	16	4.2	9	2.4	13	3.4	9	2.4	7	1.9
LAWRENCE	6	5.6	0	-	1	0.9	4	3.8	2	1.9	4	3.8	5	4.7
LEBANON	5	4.5	0	-	4	3.6	4	3.6	3	2.7	1	0.9	1	0.9
LEHIGH	12	4.4	1	0.4	10	3.6	13	4.7	4	1.5	4	1.5	3	1.1
LUZERNE	20	5.9	205	60.6	9	2.7	8	2.4	8	2.4	8	2.4	3	0.9
LYCOMING	6	5.1	0	-	9	7.7	9	7.7	4	3.4	6	5.1	12	10.2
MCKEAN	6	12.1	0	-	0	-	1	2.0	2	4.0	0	-	0	-
MERCER	8	6.3	4	3.1	7	5.5	5	3.9	9	7.1	1	0.8	3	2.4
MIFFLIN	1	2.1	0	-	3	6.4	0	-	4	8.6	0	-	1	2.1
MONROE	4	5.3	0	-	0	-	2	2.7	1	1.3	1	1.3	2	2.7
MONTGOMERY	32	4.9	6	0.9	24	3.7	30	4.6	17	2.6	14	2.1	15	2.3
MONTOUR	0	-	0	-	1	5.9	0	-	1	5.9	0	-	1	5.9
NORTHAMPTON	9	3.9	1	0.4	17	7.4	9	3.9	7	3.1	7	3.1	3	1.3
NORTHUMBERLAND	6	6.0	24	23.9	8	8.0	9	9.0	6	6.0	2	2.0	1	1.0
PERRY	2	5.4	0	-	0	-	0	-	1	2.7	0	-	2	5.4
PHILADELPHIA	116	7.0	3	0.2	68	4.1	60	3.6	44	2.7	50	3.0	48	2.9
PIKE	1	5.1	0	-	0	-	1	5.1	1	5.1	0	-	0	-
POTTER	0	-	0	-	0	-	0	-	1	5.5	0	-	0	-
SCHUYLKILL	5	3.2	145	91.8	13	8.2	11	7.0	2	1.3	10	6.3	4	2.5
SNYDER	1	2.9	0	-	0	-	2	5.7	0	-	1	2.9	0	-
SOMERSET	7	8.6	14	17.1	4	4.9	4	4.9	2	2.4	2	2.4	1	1.2
SULLIVAN	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUSQUEHANNA	3	7.8	2	5.2	3	7.8	1	2.6	2	5.2	1	2.6	0	-
TIOGA	1	2.5	0	-	1	2.5	3	7.5	1	2.5	0	-	2	5.0
UNION	2	6.0	0	-	0	-	1	3.0	0	-	0	-	1	3.0
VENANGO	1	1.5	1	1.5	0	-	1	1.5	0	-	3	4.6	0	-
WARREN	2	4.2	0	-	2	4.2	1	2.1	1	2.1	2	4.2	3	6.2
WASHINGTON	10	4.6	5	2.3	8	3.7	10	4.6	5	2.3	8	3.7	8	3.7
WAYNE	1	2.7	1	2.7	0	-	1	2.7	1	2.7	1	2.7	0	-
WESTMORELAND	14	3.6	6	1.5	25	6.4	14	3.6	9	2.3	4	1.0	6	1.5
WYOMING	3	11.1	1	3.7	1	3.7	0	-	2	7.4	0	-	0	-
YORK	8	2.5	3	0.9	8	2.5	9	2.8	12	3.8	1	0.3	10	3.1

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

COUNTY	ANEMIAS		NUTRITIONAL DEFICIENCIES		GALL BLADDER DISORDERS		ALCOHOLISM		DISEASES OF PANCREAS		VENOUS EMBOLISM & THROMBOSIS		MULTIPLE SCLEROSIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	184	1.6	168	1.4	153	1.3	149	1.3	124	1.0	114	1.0	91	0.8
ADAMS	2	2.8	0	-	1	1.4	1	1.4	0	-	0	-	0	-
ALLEGHENY	13	0.9	19	1.3	26	1.8	13	0.9	17	1.2	12	0.8	15	1.1
ARMSTRONG	0	-	0	-	2	2.5	1	1.3	1	1.3	2	2.5	1	1.3
BEAVER	5	2.5	4	2.0	1	0.5	1	0.5	2	1.0	2	1.0	1	0.5
BEDFORD	0	-	0	-	0	-	0	-	0	-	0	-	1	2.1
BERKS	3	1.0	4	1.3	2	0.6	2	0.6	3	1.0	4	1.3	1	0.3
BLAIR	5	3.7	3	2.2	6	4.4	2	1.5	3	2.2	1	0.7	2	1.5
BRADFORD	1	1.6	1	1.6	4	6.3	1	1.6	0	-	0	-	0	-
BUCKS	8	1.6	1	0.2	4	0.8	1	0.2	2	0.4	3	0.6	4	0.8
BUTLER	4	2.7	1	0.7	3	2.0	1	0.7	1	0.7	1	0.7	0	-
CAMBRIA	4	2.2	2	1.1	4	2.2	1	0.6	3	1.7	0	-	3	1.7
CAMERON	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CARBON	0	-	1	1.8	1	1.8	1	1.8	1	1.8	1	1.8	0	-
CENTRE	0	-	3	2.6	1	0.9	0	-	1	0.9	1	0.9	0	-
CHESTER	7	2.1	1	0.3	5	1.5	4	1.2	3	0.9	1	0.3	1	0.3
CLARION	0	-	0	-	2	4.6	0	-	0	-	0	-	0	-
CLEARFIELD	0	-	1	1.2	1	1.2	2	2.4	0	-	1	1.2	0	-
CLINTON	3	7.6	0	-	0	-	0	-	1	2.5	1	2.5	0	-
COLUMBIA	1	1.6	0	-	1	1.6	0	-	1	1.6	0	-	0	-
CRAWFORD	2	2.2	1	1.1	1	1.1	0	-	0	-	1	1.1	1	1.1
CUMBERLAND	4	2.2	2	1.1	0	-	1	0.5	3	1.6	2	1.1	2	1.1
DAUPHIN	1	0.4	2	0.8	3	1.3	2	0.8	2	0.8	1	0.4	0	-
DELAWARE	4	0.7	9	1.6	6	1.1	6	1.1	3	0.5	6	1.1	2	0.4
ELK	1	2.7	2	5.3	0	-	0	-	0	-	1	2.7	1	2.7
ERIE	1	0.4	1	0.4	4	1.4	3	1.1	4	1.4	1	0.4	2	0.7
FAYETTE	2	1.3	3	1.9	0	-	1	0.6	4	2.5	0	-	2	1.3
FOREST	0	-	0	-	0	-	0	-	0	-	1	19.6	0	-
FRANKLIN	2	1.7	1	0.9	1	0.9	2	1.7	1	0.9	0	-	2	1.7
FULTON	0	-	0	-	1	7.5	0	-	0	-	0	-	0	-
GREENE	0	-	0	-	0	-	0	-	2	4.9	0	-	1	2.4
HUNTINGDON	0	-	0	-	0	-	1	2.3	0	-	0	-	0	-
INDIANA	2	2.1	0	-	1	1.1	2	2.1	1	1.1	2	2.1	0	-
JEFFERSON	1	2.0	0	-	2	4.1	0	-	0	-	0	-	0	-
JUNIATA	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LACKAWANNA	5	2.2	1	0.4	4	1.8	4	1.8	5	2.2	6	2.7	0	-

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

COUNTY	ANEMIAS		NUTRITIONAL DEFICIENCIES		GALL BLADDER DISORDERS		ALCOHOLISM		DISEASES OF PANCREAS		VENOUS EMBOLISM & THROMBOSIS		MULTIPLE SCLEROSIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	6	1.6	1	0.3	1	0.3	1	0.3	2	0.5	4	1.1	3	0.8
LAWRENCE	2	1.9	6	5.6	2	1.9	1	0.9	1	0.9	3	2.8	2	1.9
LEBANON	0	-	1	0.9	3	2.7	0	-	0	-	0	-	0	-
LEHIGH	2	0.7	6	2.2	3	1.1	0	-	5	1.8	2	0.7	3	1.1
LUZERNE	6	1.8	5	1.5	4	1.2	1	0.3	9	2.7	4	1.2	4	1.2
LYCOMING	3	2.6	1	0.9	3	2.6	0	-	1	0.9	1	0.9	2	1.7
MCKEAN	2	4.0	0	-	1	2.0	2	4.0	1	2.0	0	-	1	2.0
MERCER	3	2.4	4	3.1	1	0.8	0	-	2	1.6	2	1.6	1	0.8
MIFFLIN	2	4.3	1	2.1	0	-	1	2.1	1	2.1	0	-	0	-
MONROE	0	-	1	1.3	1	1.3	0	-	2	2.7	0	-	0	-
MONTGOMERY	9	1.4	9	1.4	6	0.9	3	0.5	2	0.3	8	1.2	4	0.6
MONTOUR	0	-	0	-	0	-	0	-	0	-	1	5.9	0	-
NORTHAMPTON	3	1.3	2	0.9	1	0.4	5	2.2	1	0.4	2	0.9	2	0.9
NORTHUMBERLAND	3	3.0	1	1.0	1	1.0	0	-	0	-	0	-	1	1.0
PERRY	1	2.7	3	8.1	1	2.7	0	-	1	2.7	0	-	2	5.4
PHILADELPHIA	39	2.4	44	2.7	19	1.1	76	4.6	16	1.0	17	1.0	7	0.4
PIKE	0	-	1	5.1	1	5.1	0	-	0	-	0	-	1	5.1
POTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SCHUYLKILL	5	3.2	1	0.6	2	1.3	1	0.6	2	1.3	5	3.2	0	-
SNYDER	1	2.9	0	-	1	2.9	0	-	2	5.7	0	-	1	2.9
SOMERSET	1	1.2	2	2.4	0	-	0	-	1	1.2	1	1.2	1	1.2
SULLIVAN	0	-	1	16.1	0	-	0	-	0	-	0	-	0	-
SUSQUEHANNA	1	2.6	1	2.6	0	-	0	-	0	-	0	-	0	-
TIOGA	0	-	0	-	0	-	0	-	0	-	0	-	0	-
UNION	0	-	0	-	1	3.0	0	-	0	-	0	-	1	3.0
VENANGO	2	3.1	1	1.5	1	1.5	1	1.5	1	1.5	0	-	2	3.1
WARREN	0	-	0	-	1	2.1	0	-	1	2.1	0	-	0	-
WASHINGTON	3	1.4	3	1.4	3	1.4	0	-	1	0.5	0	-	1	0.5
WAYNE	0	-	0	-	1	2.7	0	-	0	-	0	-	1	2.7
WESTMORELAND	6	1.5	1	0.3	4	1.0	3	0.8	7	1.8	10	2.6	6	1.5
WYOMING	0	-	0	-	1	3.7	0	-	0	-	0	-	0	-
YORK	5	1.6	9	2.8	3	0.9	1	0.3	1	0.3	3	0.9	3	0.9

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

COUNTY	TUBERCULOSIS		EPILEPSY		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	84	0.7	81	0.7	63	0.5	62	0.5	9,862	82.9
ADAMS	0	-	1	1.4	1	1.4	0	-	32	45.4
ALLEGHENY	6	0.4	7	0.5	4	0.3	6	0.4	1,061	74.6
ARMSTRONG	0	-	0	-	1	1.3	0	-	55	70.0
BEAVER	0	-	2	1.0	1	0.5	1	0.5	148	73.7
BEDFORD	0	-	0	-	1	2.1	0	-	15	31.2
BERKS	1	0.3	3	1.0	0	-	1	0.3	201	68.7
BLAIR	0	-	1	0.7	2	1.5	1	0.7	98	72.5
BRADFORD	0	-	1	1.6	0	-	2	3.1	49	76.7
BUCKS	3	0.6	1	0.2	2	0.4	1	0.2	395	78.8
BUTLER	0	-	0	-	1	0.7	0	-	74	49.3
CAMBRIA	1	0.6	9	5.0	0	-	0	-	141	79.1
CAMERON	0	-	0	-	0	-	0	-	6	89.6
CARBON	1	1.8	0	-	2	3.7	0	-	40	73.9
CENTRE	0	-	0	-	0	-	1	0.9	28	24.5
CHESTER	0	-	2	0.6	1	0.3	1	0.3	221	67.0
CLARION	0	-	0	-	2	4.6	0	-	27	62.2
CLEARFIELD	2	2.4	1	1.2	0	-	1	1.2	59	69.7
CLINTON	0	-	1	2.5	0	-	0	-	20	50.9
COLUMBIA	0	-	0	-	0	-	0	-	45	72.2
CRAWFORD	0	-	1	1.1	2	2.2	0	-	44	49.0
CUMBERLAND	1	0.5	0	-	0	-	0	-	101	55.0
DAUPHIN	3	1.3	3	1.3	1	0.4	0	-	153	65.0
DELAWARE	6	1.1	3	0.5	1	0.2	4	0.7	426	77.3
ELK	0	-	1	2.7	0	-	0	-	20	53.3
ERIE	1	0.4	1	0.4	5	1.8	2	0.7	211	74.8
FAYETTE	1	0.6	0	-	1	0.6	1	0.6	160	100.9
FOREST	0	-	0	-	0	-	0	-	4	78.4
FRANKLIN	0	-	1	0.9	0	-	0	-	53	45.8
FULTON	0	-	0	-	0	-	0	-	9	67.2
GREENE	0	-	0	-	0	-	0	-	23	56.0
HUNTINGDON	0	-	2	4.7	0	-	0	-	17	39.8
INDIANA	0	-	1	1.1	1	1.1	1	1.1	52	55.7
JEFFERSON	0	-	1	2.0	0	-	0	-	30	61.5
JUNIATA	0	-	0	-	0	-	0	-	12	60.9
LACKAWANNA	1	0.4	2	0.9	0	-	0	-	122	54.2

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
LEADING CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1983

COUNTY	TUBERCULOSIS		EPILEPSY		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	5	1.3	4	1.1	1	0.3	1	0.3	210	55.6
LAWRENCE	0	-	0	-	0	-	2	1.9	92	86.6
LEBANON	0	-	2	1.8	0	-	0	-	49	44.1
LEHIGH	3	1.1	1	0.4	2	0.7	0	-	145	52.7
LUZERNE	2	0.6	3	0.9	4	1.2	0	-	216	63.9
LYCOMING	0	-	1	0.9	0	-	0	-	79	67.3
MCKEAN	0	-	0	-	0	-	0	-	21	42.5
MERCER	0	-	0	-	2	1.6	2	1.6	82	64.5
MIFFLIN	0	-	1	2.1	0	-	1	2.1	27	57.9
MONROE	1	1.3	0	-	0	-	0	-	40	53.4
MONTGOMERY	4	0.6	3	0.5	6	0.9	4	0.6	449	68.6
MONTOUR	0	-	0	-	0	-	0	-	25	147.1
NORTHAMPTON	1	0.4	0	-	0	-	1	0.4	119	51.9
NORTHUMBERLAND	0	-	0	-	4	4.0	1	1.0	70	69.8
PERRY	1	2.7	0	-	0	-	0	-	20	54.1
PHILADELPHIA	34	2.1	13	0.8	8	0.5	16	1.0	3,026	182.1
PIKE	0	-	0	-	0	-	0	-	23	116.2
POTTER	0	-	0	-	0	-	0	-	25	138.1
SCHUYLKILL	3	1.9	1	0.6	1	0.6	0	-	110	69.7
SNYDER	0	-	1	2.9	0	-	0	-	12	34.3
SOMERSET	0	-	0	-	1	1.2	0	-	57	69.7
SULLIVAN	0	-	0	-	0	-	0	-	9	145.2
SUSQUEHANNA	0	-	0	-	0	-	0	-	25	65.1
TIOGA	0	-	0	-	0	-	0	-	24	59.9
UNION	0	-	0	-	0	-	0	-	22	65.5
VENANGO	0	-	1	1.5	1	1.5	1	1.5	38	58.7
WARREN	0	-	1	2.1	0	-	1	2.1	42	87.5
WASHINGTON	0	-	1	0.5	2	0.9	0	-	152	69.9
WAYNE	0	-	0	-	1	2.7	1	2.7	20	53.9
WESTMORELAND	2	0.5	2	0.5	1	0.3	3	0.8	311	79.6
WYOMING	0	-	0	-	0	-	0	-	20	74.1
YORK	1	0.3	1	0.3	0	-	5	1.6	160	50.4

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH COUNTY.

TABLE C-21
RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, AND NEONATAL DEATHS
BY SELECTED MUNICIPALITY, NUMBER AND RATE: PENNSYLVANIA, 1983

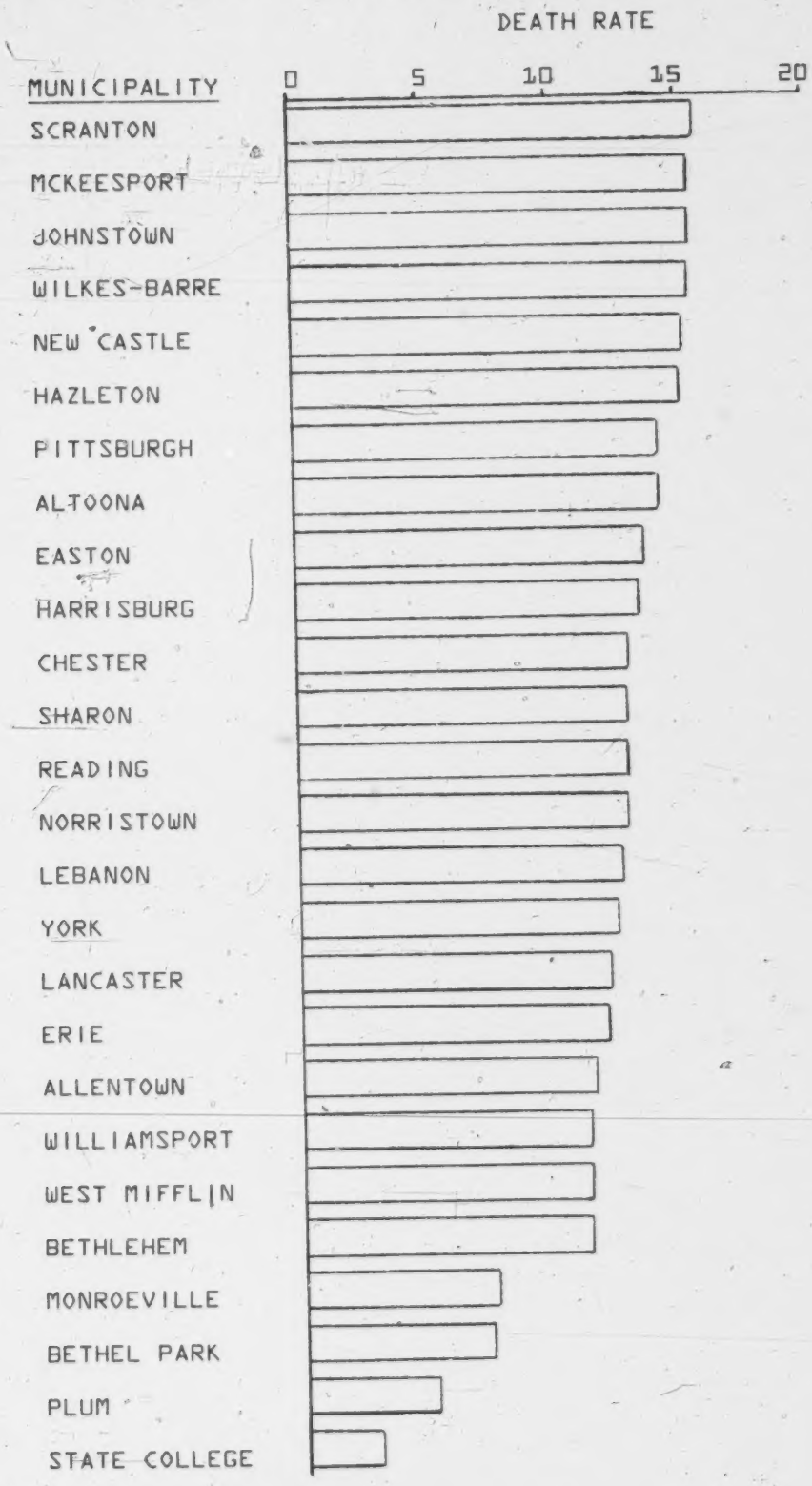
MUNICIPALITY	TOTAL DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		NEONATAL DEATHS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER**	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	1,172	11.4	1,533	14.9	19	12.2	13	8.5	9	5.9
ALTOONA	782	14.2	735	13.4	4	5.4	11	15.0	8	10.9
BETHEL PARK	256	7.3	411	11.8	5	12.0	5	12.2	3	7.3
BETHLEHEM	771	11.1	821	11.8	7	8.5	6	7.3	5	6.1
CHESTER	571	12.9	924	20.8	14	14.9	18	19.5	13	14.1
EASTON	348	13.6	398	15.5	5	12.4	9	22.6	5	12.6
ERIE	1,389	11.9	2,208	18.9	26	11.6	28	12.7	22	10.0
HARRISBURG	682	13.3	1,041	20.3	30	28.0	21	20.2	15	14.4
HAZLETON	393	15.1	281	10.8	3	10.6	6	21.4	6	21.4
JOHNSTOWN	515	15.5	431	12.9	7	16.0	9	20.9	6	13.9
LANCASTER	669	12.1	1,034	18.7	16	15.2	20	19.3	11	10.6
LEBANON	325	12.6	380	14.8	6	15.5	6	15.8	4	10.5
MCKEESPORT	457	15.5	474	16.1	6	12.5	6	12.7	5	10.5
MONROEVILLE	235	7.5	339	10.8	4	11.7	2	5.9	2	5.9
NEW CASTLE	488	15.2	485	15.1	5	10.2	5	10.3	4	8.2
NORRISTOWN	442	12.8	679	19.7	11	15.9	16	23.6	11	16.2
PITTSBURGH	5,766	14.2	5,520	13.6	92	16.4	100	18.1	80	14.5
PLUM	133	5.1	430	16.3	1	2.3	3	7.0	2	4.7
READING	996	12.8	1,421	18.3	12	8.4	14	9.9	8	5.6
SCRANTON	1,325	15.7	1,091	12.9	13	11.8	15	13.7	12	11.0
SHARON	221	12.8	238	13.8	3	12.4	5	21.0	2	8.4
STATE COLLEGE	103	2.8	166	4.5	2	11.9	1	6.0	1	6.0
WEST MIFFLIN	290	11.2	270	10.5	4	14.6	7	25.9	6	22.2
WILKES-BARRE	767	15.4	592	11.9	10	16.6	5	8.4	5	8.4
WILLIAMSPORT	360	11.2	526	16.4	2	3.8	5	9.5	3	5.7
YORK	541	12.4	748	17.2	11	14.5	9	2.0	5	6.7

* BIRTH AND TOTAL DEATH RATES PER 1,000 1983 PRELIMINARY PROVISIONAL ESTIMATED POPULATION, FETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS), INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS.
**FETAL DEATHS EXCLUDE INDUCED TERMINATIONS.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

FIGURE C-21

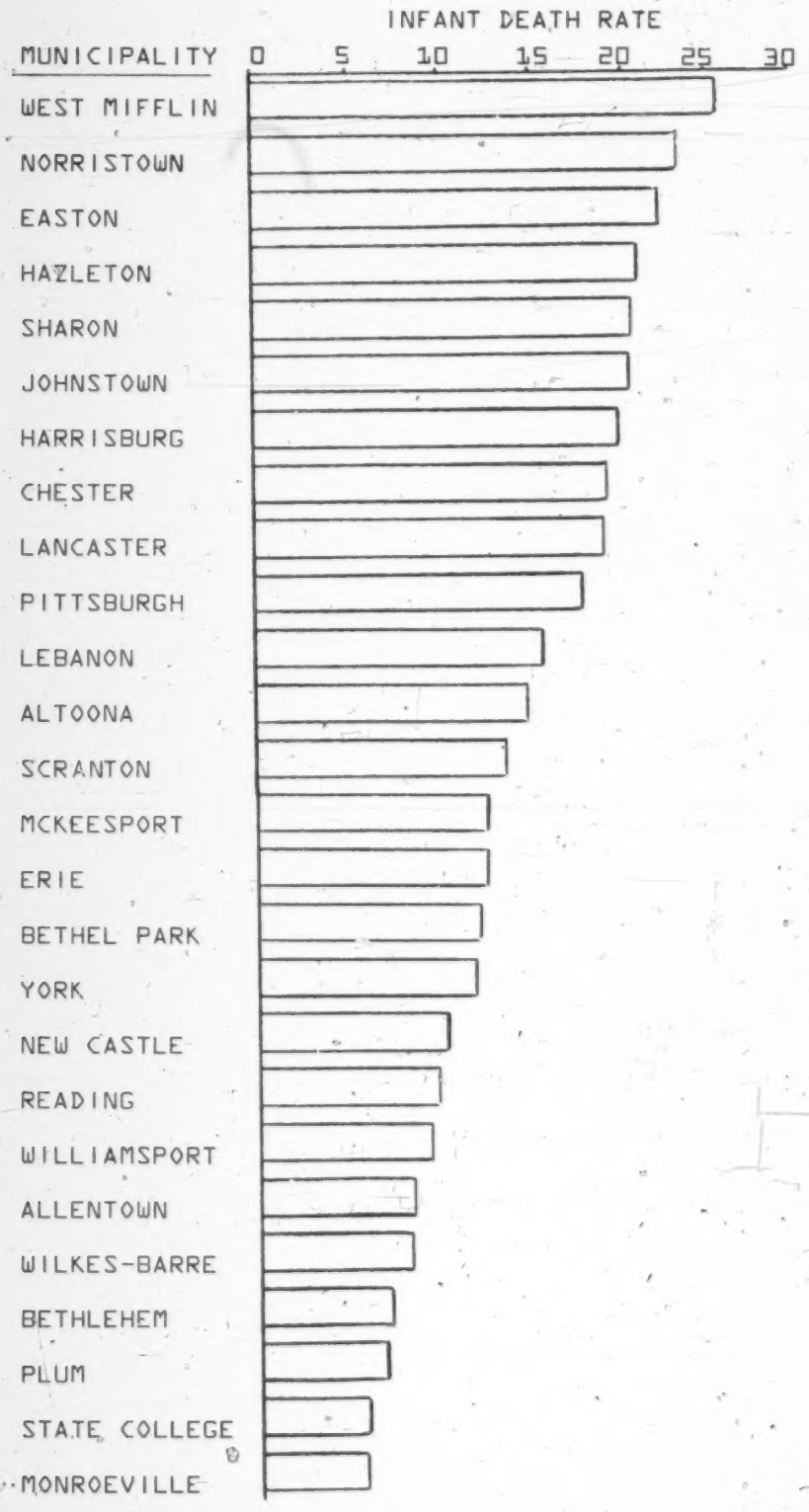
RESIDENT DEATH RATES*BY SELECTED MUNICIPALITY, PENNSYLVANIA, 1983



*RATE PER 1,000 POPULATION.

FIGURE C-22

RESIDENT INFANT DEATH RATES* BY SELECTED MUNICIPALITY
PENNSYLVANIA, 1983



*RATE PER 1,000 LIVE BIRTHS.

TABLE C-22
RESIDENT DEATHS BY AGE GROUP AND SELECTED MUNICIPALITY.
PENNSYLVANIA, 1983

MUNICIPALITY	TOTAL DEATHS	AGE AT DEATH (IN YEARS) UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
ALLENTOWN	1,172	16	1	2	7	7	10	17	49	150	332	344	237
ALTOONA	782	12	1	0	4	4	8	17	41	106	212	214	163
BETHEL PARK	256	5	0	0	1	4	6	4	16	46	73	51	50
BETHLEHEM	771	8	1	0	4	9	11	10	39	144	192	197	156
CHESTER	571	26	2	0	1	5	20	20	44	89	150	136	78
EASTON	346	9	0	0	0	3	5	8	14	49	87	107	65
ERIE	1,389	31	0	2	9	15	27	21	55	223	336	372	298
HARRISBURG	682	23	0	1	7	7	18	20	39	117	154	186	108
HAZLETON	393	6	1	0	0	7	6	4	20	47	112	111	79
JOHNSTOWN	515	9	0	0	1	2	8	12	26	77	159	142	79
LANCASTER	669	21	0	0	3	4	14	15	29	81	161	204	137
LEBANON	325	6	0	1	2	2	2	4	11	56	90	91	60
MCKLESPORT	457	6	0	0	0	1	5	13	18	78	124	130	82
MONROEVILLE	235	2	2	3	3	1	8	7	20	39	69	50	31
NEW CASTLE	488	7	1	0	2	2	6	3	19	74	122	149	103
NORRISTOWN	442	17	0	0	0	4	10	11	39	66	114	116	65
PITTSBURGH	5,768	106	7	2	24	41	113	130	313	870	1,442	1,611	1,109
PLUM	133	3	0	0	2	0	4	9	5	21	40	33	16
READING	996	20	3	3	8	4	19	18	45	116	247	313	200
SCRANTON	1,325	14	2	3	4	8	10	22	64	161	352	420	263
SHARON	221	6	0	0	3	1	3	3	4	41	60	69	31
STATE COLLEGE	103	1	0	0	1	0	0	3	4	16	26	28	24
WEST MIFFLIN	290	8	0	1	1	0	2	5	14	58	86	69	44
WILKES BARRE	767	6	0	1	2	5	10	9	27	110	221	205	171
WILLIAMSPORT	360	6	0	0	2	2	1	3	20	50	98	110	68
YORK	541	12	0	1	3	3	7	18	32	66	120	156	123

* UNKNOWN AGE AT DEATH INCLUDED IN THE 85 & OVER AGE GROUP.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE C-23
LEADING CAUSES OF DEATH BY SELECTED MUNICIPALITY
NUMBER AND RATE: PENNSYLVANIA, 1963

MUNICIPALITY	ALL CAUSES		HEART DISEASE											
			TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCTION		ACUTE MYOCARDIAL INFARCTION		OTHER	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	1,172	1139.0	499	484.9	1	1.0	9	8.7	124	120.5	212	206.0	153	148.7
ALTOONA	762	1424.4	346	650.2	2	3.6	13	23.7	110	200.4	142	258.7	79	143.9
BETHEL PARK	256	733.5	105	300.9	1	2.9	3	8.6	36	103.2	44	126.1	21	60.2
BETHLEHEM	771	1107.8	337	484.2	4	5.7	8	11.5	83	119.3	119	171.0	123	176.7
CHESTER	571	1286.0	189	425.7	2	4.5	13	29.3	42	94.6	60	135.1	72	162.2
EASTON	348	1359.4	156	609.4	0	-	7	27.3	46	179.7	38	148.4	65	253.9
ERIE	1,389	1166.2	576	494.4	6	5.1	13	11.1	222	189.9	231	197.6	106	90.7
HARRISBURG	682	1332.0	251	490.2	3	5.9	5	9.8	72	140.6	72	140.6	99	193.4
HAZLETON	393	1505.7	179	685.8	1	3.8	4	15.3	53	203.1	78	298.9	43	164.8
JOHNSTOWN	515	1546.5	237	711.7	6	18.0	8	24.0	96	288.3	74	222.2	53	159.2
LANCASTER	669	1267.6	278	501.8	1	1.8	8	14.4	81	146.2	71	128.2	117	211.2
LEBANON	325	1264.6	168	653.7	0	-	6	23.3	43	167.3	64	249.0	55	214.0
MCKEESPORT	457	1554.4	229	778.9	2	6.8	3	10.2	106	360.5	57	193.9	61	207.5
MONROEVILLE	235	750.8	93	297.1	0	-	2	6.4	48	153.4	29	92.7	14	44.7
NEW CASTLE	488	1515.5	191	593.2	2	6.2	5	15.5	73	226.7	89	276.4	22	68.3
NORRISTOWN	442	1284.9	161	468.0	4	11.6	3	8.7	47	136.6	55	159.9	52	151.2
PITTSBURGH	5,766	1417.2	2,408	591.6	25	6.1	72	17.7	841	206.6	726	178.4	744	182.8
PLUM	133	505.7	51	193.9	1	3.8	0	-	18	68.4	20	76.0	12	45.6
READING	496	1281.9	430	553.4	3	3.9	17	21.9	113	145.4	131	168.6	166	213.6
SCRANTON	1,325	1569.9	660	782.0	7	8.3	14	16.6	195	231.0	215	254.7	229	271.3
SHARON	221	1277.5	79	456.6	4	23.1	1	5.8	18	104.0	44	254.3	12	69.4
STATE COLLEGE	103	262.2	59	106.8	3	8.2	1	2.7	11	30.1	13	35.6	11	30.1
WEST MIFFLIN	290	1124.0	143	554.3	2	7.8	1	3.9	52	201.6	52	201.6	36	139.5
WILKES BARRE	767	1543.3	383	770.6	3	6.0	6	12.1	106	213.3	151	303.8	117	235.4
WILLIAMSPORT	560	1121.5	148	461.1	2	6.2	4	12.5	51	158.9	49	152.6	42	130.8
YORK	541	1243.7	213	489.7	2	4.6	4	9.2	46	105.7	103	236.8	58	133.3

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1963 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
LEADING CAUSES OF DEATH BY SELECTED MUNICIPALITY
NUMBER AND RATE: PENNSYLVANIA, 1983

	MALIGNANT NEOPLASMS									
	TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM		BONE, TISSUE, SKIN AND BREAST	
MUNICIPALITY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	289	280.9	4	3.9	80	77.7	73	70.9	33	32.1
ALTOONA	156	284.2	2	3.6	50	91.1	49	89.3	18	32.8
BETHEL PARK	64	183.4	1	2.9	19	54.4	20	57.3	6	17.2
BETHLEHEM	201	266.6	3	4.3	54	77.6	50	71.8	29	41.7
CHESTER	114	256.8	3	6.8	35	78.8	31	69.6	10	22.5
EASTON	64	250.0	2	7.8	16	62.5	13	50.8	6	23.4
ERIE	296	253.2	2	1.7	88	75.3	79	67.6	37	31.7
HARRISBURG	153	298.8	2	3.9	50	97.7	41	80.1	13	25.4
HAZLETON	69	264.4	0	-	18	69.0	14	53.6	8	30.7
JOHNSTOWN	109	327.3	2	6.0	26	78.1	31	93.1	10	30.0
LANCASTER	145	261.7	3	5.4	38	68.6	36	65.0	20	36.1
LEBANON	78	303.5	0	-	18	70.0	28	108.9	9	35.0
MCKEESPORT	89	302.7	3	10.2	18	61.2	25	85.0	11	37.4
MONROEVILLE	55	175.7	1	3.2	12	38.3	14	44.7	6	19.2
NEW CASTLE	109	338.5	1	3.1	28	87.0	33	102.5	12	37.3
NORRISTOWN	101	293.6	3	8.7	21	61.0	34	98.8	11	32.0
PITTSBURGH	1,349	331.4	30	7.4	353	86.7	351	86.2	138	33.9
PLUM	32	121.7	0	-	6	22.8	12	45.6	3	11.4
READING	238	306.3	5	6.4	55	70.8	67	86.2	27	34.7
SCRANTON	279	330.6	5	5.9	105	124.4	61	72.3	27	32.0
SHARON	56	323.7	0	-	20	115.6	14	80.9	7	40.5
STATE COLLEGE	24	65.8	0	-	5	13.7	7	19.2	4	11.0
WEST MIFFLIN	59	228.7	2	7.8	22	85.3	14	54.3	6	23.3
WILKES BARRE	135	271.6	2	4.0	45	90.5	30	60.4	18	36.2
WILLIAMSPORT	84	261.7	1	3.1	26	81.0	27	84.1	13	40.5
YORK	128	294.3	0	-	38	87.4	37	85.1	14	32.2

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
LEADING CAUSES OF DEATH BY SELECTED MUNICIPALITY
NUMBER AND RATE: PENNSYLVANIA, 1983

	MALIGNANT NEOPLASMS							
	GENITO-URINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
MUNICIPALITY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	40	38.9	35	34.0	5	4.9	19	18.5
ALTOONA	15	27.3	8	14.6	11	20.0	3	5.5
BETHEL PARK	9	25.8	4	11.5	1	2.9	4	11.5
BETHLEHEM	27	38.8	23	33.0	9	12.9	6	8.6
CHESTER	15	33.8	13	29.3	1	2.3	6	13.5
EASTON	16	62.5	8	31.2	1	3.9	2	7.8
ERIE	42	35.9	27	23.1	7	6.0	14	12.0
HARRISBURG	29	56.6	12	23.4	3	5.9	3	5.9
HAZLETON	10	38.3	11	42.1	0	-	8	30.7
JOHNSTOWN	18	54.1	17	51.1	1	3.0	4	12.0
LANCASTER	20	36.1	15	27.1	6	10.8	7	12.6
LEBANON	11	42.6	8	31.1	2	7.8	2	7.8
MCKEESPORT	17	57.8	10	34.0	3	10.2	2	6.8
MONROEVILLE	7	22.4	9	28.8	1	3.2	5	16.0
NEW CASTLE	13	40.4	14	43.5	2	6.2	6	18.6
NORRISTOWN	13	37.8	12	34.9	3	8.7	4	11.6
PITTSBURGH	161	44.5	162	39.8	56	13.8	78	19.2
PLUM	5	19.0	4	15.2	0	-	2	7.6
READING	40	51.5	23	29.6	8	10.3	13	16.7
SCRANTON	31	36.7	23	27.3	8	9.5	19	22.5
SHARON	4	23.1	7	40.5	4	23.1	0	-
STATE COLLEGE	4	11.0	2	5.5	1	2.7	1	2.7
WEST MIFFLIN	6	23.3	4	15.5	3	11.6	2	7.8
WILKES BARRE	19	38.2	11	22.1	3	6.0	7	14.1
WILLIAMSPORT	7	21.8	7	21.8	2	6.2	1	3.1
YORK	13	29.9	16	36.8	8	18.4	2	4.6

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
LEADING CAUSES OF DEATH BY SELECTED MUNICIPALITY
NUMBER AND RATE: PENNSYLVANIA, 1983

	CEREBROVASCULAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS.		PNEUMONIA & INFLUENZA		DIABETES MELLITUS		ACCIDENTS: OTHER		ACCIDENTS: MOTOR VEHICLE		ATHEROSCLEROSIS	
MUNICIPALITY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	81	76.7	31	30.1	20	19.4	26	25.3	19	18.5	18	17.5	9	8.7
ALTOONA	47	85.6	30	54.6	13	23.7	23	41.9	19	34.6	7	12.8	11	20.0
BETHEL PARK	21	60.2	5	14.3	3	8.6	5	14.3	4	11.5	6	17.2	4	11.5
BETHLEHEM	48	69.0	19	27.3	16	23.0	9	12.9	12	17.2	11	15.8	16	23.0
CHESTER	40	90.1	23	51.8	8	18.0	19	42.8	17	38.3	6	13.5	8	18.0
EASTON	21	82.0	15	58.6	9	35.2	11	43.0	5	19.5	5	19.5	5	19.5
ERIE	116	95.2	50	42.8	28	24.0	25	21.4	24	20.5	10	8.6	12	10.3
HARRISBURG	49	95.7	23	44.9	11	21.5	16	31.2	22	43.0	9	17.6	6	11.7
HAZLETON	32	122.6	8	30.7	14	53.6	7	26.8	9	34.5	4	15.3	3	11.5
JOHNSTOWN	32	96.1	17	51.1	3	9.0	18	54.1	9	27.0	6	18.0	5	15.0
LANCASTER	46	83.0	28	50.5	13	23.5	11	19.9	8	14.4	11	19.9	13	23.5
LEBANON	21	81.7	9	35.0	5	19.5	6	23.3	5	19.5	5	19.5	3	11.7
MCKEESPORT	29	96.6	12	40.8	11	37.4	13	44.2	8	27.2	3	10.2	2	6.8
MONROEVILLE	19	60.7	7	22.4	10	31.9	2	6.4	5	16.0	8	25.6	0	-
NEW CASTLE	31	96.3	19	59.0	11	34.2	7	21.7	10	31.1	5	15.5	7	21.7
NORRISTOWN	27	78.5	16	46.5	12	34.9	16	46.5	5	14.5	2	5.8	6	17.4
PITTSBURGH	362	88.9	154	37.8	153	37.6	121	29.7	130	31.9	49	12.0	39	9.6
PLUM	9	34.2	6	22.8	3	11.4	3	11.4	1	3.8	1	3.8	0	-
READING	57	73.4	24	30.9	18	23.2	19	24.5	26	33.5	7	9.0	12	15.4
SCRANTON	62	97.2	35	41.5	14	16.6	35	41.5	14	16.6	11	13.0	14	16.6
SHARON	18	104.0	5	28.9	9	52.0	1	5.8	3	17.3	2	11.6	1	5.8
STATE COLLEGE	15	41.1	4	11.0	5	13.7	1	2.7	2	5.5	1	2.7	1	2.7
WEST MIFFLIN	18	69.8	8	31.0	5	19.4	7	27.1	3	11.6	6	23.3	3	11.6
WILKES BARRE	51	102.6	18	36.2	9	18.1	16	32.2	10	20.1	12	24.1	21	42.3
WILLIAMSPORT	27	64.1	12	37.4	6	18.7	12	37.4	4	12.5	2	6.2	4	12.5
YORK	32	73.6	23	52.9	13	29.9	13	29.9	9	20.7	12	27.6	3	6.9

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
LEADING CAUSES OF DEATH BY SELECTED MUNICIPALITY
NUMBER AND RATE: PENNSYLVANIA, 1983

MUNICIPALITY	LIVER DISEASE AND CIRRHOSIS		SUICIDE		NEPHRITIS AND NEPHROSIS		SEPTICEMIA		AORTIC ANEURYSM		PERINATAL CONDITIONS		HOMICIDE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	10	9.7	11	10.7	13	12.6	11	10.7	10	9.7	6	5.8	5	4.9
ALTOONA	10	18.2	6	10.9	4	7.3	6	10.9	8	14.6	7	12.8	3	5.5
BETHEL PARK	8	22.9	4	11.5	3	8.6	0	-	1	2.9	2	5.7	2	5.7
BETHLEHEM	4	5.7	14	20.1	14	20.1	5	7.2	5	7.2	5	7.2	1	1.4
CHESTER	11	24.8	9	20.3	6	13.5	9	20.3	2	4.5	11	24.8	14	31.5
EASTON	4	15.6	9	35.2	3	11.7	0	-	1	3.9	4	15.6	0	-
ERIE	24	20.5	14	12.0	20	17.1	7	6.0	7	6.0	13	11.1	8	6.8
HARRISBURG	6	11.7	9	17.6	6	11.7	12	23.4	4	7.8	12	23.4	13	25.4
HAZLETON	2	7.7	5	19.2	6	23.0	1	3.8	2	7.7	4	15.3	1	3.8
JOHNSTOWN	5	15.0	6	18.0	9	27.0	4	12.0	5	15.0	5	15.0	1	3.0
LANCASTER	8	14.4	10	18.1	1	1.8	3	5.4	4	7.2	10	18.1	1	1.8
LEBANON	1	3.9	2	7.8	1	3.9	1	3.9	0	-	3	11.7	1	3.9
MCKEESPORT	6	20.4	2	6.8	5	17.0	10	34.0	0	-	4	13.6	0	-
MONROEVILLE	3	9.6	4	12.8	3	9.6	1	3.2	4	12.8	0	-	1	3.2
NEW CASTLE	4	12.4	2	6.2	13	40.4	2	6.2	5	15.5	4	12.4	0	-
NORRISTOWN	11	32.0	5	14.5	4	11.6	5	14.5	6	17.4	12	34.9	4	11.6
PITTSBURGH	95	23.3	64	15.7	75	18.4	62	15.2	26	6.4	62	15.2	45	11.1
PLUM	1	3.8	7	26.6	1	3.8	2	7.6	0	-	1	3.8	0	-
READING	9	11.6	12	15.4	10	12.9	7	9.0	7	9.0	3	3.9	7	9.0
SCRANTON	9	10.7	3	3.6	15	17.6	8	9.5	11	13.0	10	11.8	1	1.2
SHARON	4	23.1	5	28.9	3	17.3	5	28.9	1	5.8	1	5.8	3	17.3
STATE COLLEGE	1	2.7	0	-	1	2.7	0	-	0	-	1	2.7	0	-
WEST MIFFLIN	4	15.5	4	15.5	2	7.8	1	3.9	4	15.5	6	23.3	0	-
WILKES BARRE	7	14.1	10	20.1	10	20.1	5	10.1	3	6.0	2	4.0	0	-
WILLIAMSPORT	3	9.3	3	9.3	2	6.2	4	12.5	3	9.3	2	6.2	0	-
YORK	4	9.2	6	13.8	6	13.8	5	11.5	4	9.2	5	11.5	3	6.9

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
LEADING CAUSES OF DEATH BY SELECTED MUNICIPALITY
NUMBER AND RATE: PENNSYLVANIA, 1963

MUNICIPALITY	CONGENITAL ANOMALIES		PNEUMOCONIOSIS		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		PARKINSON'S DISEASE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	5	4.9	0	-	6	5.8	8	7.8	4	3.9	1	1.0	1	1.0
ALTOONA	3	5.5	0	-	3	5.5	4	7.3	1	1.8	4	7.3	4	7.3
BETHEL PARK	1	2.9	1	2.9	0	-	0	-	1	2.9	3	8.6	1	2.9
BETHLEHEM	1	1.4	0	-	6	8.6	3	4.3	0	-	0	-	2	2.9
CHESTER	7	15.6	0	-	0	-	5	11.3	2	4.5	1	2.3	1	2.3
EASTON	2	7.8	0	-	3	11.7	0	-	2	7.8	2	7.8	0	-
ERIE	6	5.1	0	-	7	6.0	2	1.7	6	5.1	6	5.1	1	0.9
HARRISBURG	5	9.6	1	2.0	10	19.5	3	5.9	2	3.9	2	3.9	0	-
HAZLETON	2	7.7	12	46.0	2	7.7	2	7.7	2	7.7	1	3.8	0	-
JOHNSTOWN	1	3.0	2	6.0	1	3.0	0	-	3	9.0	1	3.0	0	-
LANCASTER	5	9.0	1	1.8	5	9.0	1	1.8	4	7.2	3	5.4	3	5.4
LEBANON	1	3.9	0	-	0	-	0	-	2	7.8	1	3.9	0	-
MCKEESPORT	2	6.8	0	-	1	3.4	3	10.2	0	-	0	-	1	3.4
MONROEVILLE	3	9.6	0	-	0	-	1	3.2	0	-	0	-	1	3.2
NEW CASTLE	2	6.2	0	-	0	-	3	9.3	1	3.1	3	9.3	3	9.3
NORRISTOWN	1	2.9	1	2.9	3	8.7	0	-	0	-	1	2.9	0	-
PITTSBURGH	20	4.9	1	0.2	24	5.9	13	3.2	15	3.7	11	2.7	15	3.7
PLUM	1	3.8	1	3.8	0	-	0	-	2	7.6	1	3.8	0	-
READING	6	7.7	0	-	9	11.6	5	6.4	6	7.7	4	5.1	2	2.6
SCRANTON	6	7.1	12	14.2	4	4.7	7	8.3	4	4.7	4	4.7	2	2.4
SHARON	1	5.8	1	5.8	0	-	0	-	3	17.3	1	5.8	0	-
STATE COLLEGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WEST MIFFLIN	0	-	0	-	0	-	1	3.9	0	-	0	-	0	-
WILKES BARRE	4	8.0	17	34.2	2	4.0	1	2.0	2	4.0	1	2.0	0	-
WILLIAMSPORT	2	6.2	0	-	1	3.1	3	9.3	3	9.3	2	6.2	3	9.3
YORK	1	2.3	0	-	3	6.9	0	-	4	9.2	0	-	2	4.6

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1963 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
LEADING CAUSES OF DEATH BY SELECTED MUNICIPALITY
NUMBER AND RATE: PENNSYLVANIA, 1983

MUNICIPALITY	ANEMIAS		NUTRITIONAL DEFICIENCIES		GALL BLADDER DISORDERS		ALCOHOLISM		DISEASES OF PANCREAS		VENOUS EMBOLISM & THROMBOSIS		MULTIPLE SCLEROSIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	1	1.0	5	4.9	2	1.9	0	-	2	1.9	2	1.9	1	1.0
ALTOONA	4	7.3	2	3.6	3	5.5	1	1.8	1	1.8	1	1.8	1	1.8
BETHEL PARK	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BETHLEHEM	0	-	1	1.4	0	-	3	4.3	0	-	0	-	0	-
CHESTER	0	-	0	-	0	-	2	4.5	2	4.5	0	-	0	-
EASTON	1	3.9	0	-	0	-	0	-	1	3.9	0	-	0	-
ERIE	1	0.9	1	0.9	4	3.4	1	0.9	3	2.6	1	0.9	1	0.9
HARRISBURG	0	-	0	-	2	3.9	1	2.0	1	2.0	0	-	0	-
HAZLETON	1	3.8	1	3.8	0	-	0	-	2	7.7	0	-	0	-
JOHNSTOWN	1	3.0	0	-	1	3.0	1	3.0	0	-	0	-	0	-
LANCASTER	2	3.6	1	1.8	0	-	0	-	0	-	1	1.8	0	-
LEBANON	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MCKEESPORT	0	-	0	-	0	-	0	-	0	-	1	3.4	0	-
MONROEVILLE	2	6.4	0	-	1	3.2	0	-	0	-	0	-	0	-
NEW CASTLE	0	-	4	12.4	2	6.2	1	3.1	0	-	1	3.1	0	-
NORRISTOWN	0	-	1	2.9	0	-	0	-	0	-	1	2.9	1	2.9
PITTSBURGH	2	0.5	6	2.0	9	2.2	7	1.7	6	1.5	4	1.0	3	0.7
PLUM	0	-	0	-	0	-	0	-	0	-	0	-	0	-
READING	2	2.6	2	2.6	0	-	1	1.3	0	-	2	2.6	0	-
SCRANTON	2	2.4	1	1.2	2	2.4	1	1.2	2	2.4	4	4.7	0	-
SHARON	0	-	2	11.6	0	-	0	-	1	5.8	0	-	0	-
STATE COLLEGE	0	-	1	2.7	1	2.7	0	-	0	-	0	-	0	-
WEST MIFFLIN	0	-	0	-	0	-	0	-	1	3.9	1	3.9	0	-
WILKES BARRE	1	2.0	1	2.0	1	2.0	0	-	0	-	0	-	0	-
WILLIAMSPORT	2	6.2	1	3.1	1	3.1	0	-	1	3.1	0	-	0	-
YORK	0	-	5	6.9	1	2.3	1	2.3	0	-	1	2.3	0	-

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
LEADING CAUSES OF DEATH BY SELECTED MUNICIPALITY
NUMBER AND RATE: PENNSYLVANIA, 1983

MUNICIPALITY	TUBERCULOSIS		EPILEPSY		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	2	1.9	1	1.0	1	1.0	0	-	72	70.0
ALTOONA	0	-	0	-	0	-	0	-	54	98.4
BETHEL PARK	0	-	0	-	0	-	0	-	12	34.4
BETHLEHEM	0	-	0	-	0	-	0	-	38	54.6
CHESTER	0	-	0	-	1	2.3	1	2.3	63	141.9
EASTON	0	-	0	-	0	-	0	-	25	97.7
ERIE	1	0.9	0	-	1	0.9	1	0.9	114	97.5
HARRISBURG	1	2.0	1	2.0	1	2.0	0	-	50	97.7
HAZLETON	0	-	2	7.7	1	3.8	0	-	19	72.8
JOHNSTOWN	0	-	3	9.0	0	-	0	-	30	90.1
LANCASTER	1	1.8	1	1.8	0	-	1	1.8	50	90.3
LEBANON	0	-	0	-	0	-	0	-	12	46.7
MCKEESPORT	0	-	1	3.4	0	-	0	-	25	85.0
MONROEVILLE	0	-	0	-	0	-	0	-	12	38.3
NEW CASTLE	0	-	0	-	0	-	1	3.1	47	146.0
NORRISTOWN	1	2.9	0	-	1	2.9	0	-	38	110.5
PITTSBURGH	4	1.0	4	1.0	1	0.2	1	0.2	426	104.7
PLUM	0	-	1	3.8	0	-	1	3.8	8	30.4
READING	1	1.3	1	1.3	0	-	0	-	69	88.8
SCRANTON	1	1.2	2	2.4	0	-	0	-	70	82.9
SHARON	0	-	0	-	1	5.8	0	-	15	86.7
STATE COLLEGE	0	-	0	-	0	-	1	2.7	5	13.7
WEST MIFFLIN	0	-	0	-	0	-	1	3.9	13	50.4
WILKES BARRE	0	-	0	-	1	2.0	0	-	44	88.5
WILLIAMSPORT	0	-	0	-	0	-	0	-	25	77.9
YORK	1	2.3	1	2.3	0	-	3	6.9	41	94.3

* RATE PER 100,000 PRELIMINARY PROVISIONAL ESTIMATED 1983 POPULATION FOR EACH MUNICIPALITY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

MULTIPLE CAUSES OF DEATH STATISTICS

1983 MULTIPLE CAUSES OF DEATH STATISTICS

****
HIGHLIGHTS
****

Traditionally, mortality statistics have been based on a tabulation of deaths with one underlying cause assigned for each death. The section on mortality statistics in this report uses this measurement, exclusively. The medical certifier is required to report on a death certificate the immediate cause of death, the antecedent conditions which gave rise to the immediate cause, the underlying cause, and any other significant conditions contributing to death that are not related to any previously stated causes on the certificate. In the last few years, an ever increasing demand for more-comprehensive mortality data coupled with advances in computer technology resulted in the development of the Automated Classification of Medicial Entities (ACME) system by the National Center for Health Statistics. The principal objective of this system is to provide full medical information from death certificates by assigning the traditional and underlying cause as well as tabulating multiple causes from all medical conditions listed on the certificate by the certifier through automated application of the international recognized classification of diseases. The result is multiple cause data available on computer tape through a programming system made available by the National Center for Health Statistics. Pennsylvania has such a system and the State Health Data Center has begun accessing these files and producing some very interesting and, hopefully, more valuable nosologic information. Only one table is included in this section - Resident Deaths by Underlying Cause and Selected Conditions Mentioned on Death Certificate. However, it does present some interesting information. In future editions of this report, this section may be expanded to include more and various types of multiple cause of death tables.

Of the 137,061 medical conditions other than underlying cause mentioned on the 121,066 certificates filed for Pennsylvania residents in 1983, 18.5 percent were attributed to heart disease, 5.9 percent to diabetes mellitus, 5.4 percent to cerebrovascular disease, 4.6 percent to chronic obstructive pulmonary disease and 4.4 percent to atherosclerosis. Conditions least mentioned on death certificates included homicide, suicide and motor vehicle accidents with only 6, 10 and 34 mentions, respectively.

Over 70 percent of the 29,597 conditions mentioned for deaths due to heart disease were divided among six categories—diabetes mellitus (16.7 percent), cerebrovascular disease (15.9 percent), chronic obstructive pulmonary disease (11.1 percent), atherosclerosis (10.7 percent), hypertension (8.9 percent), and malignant neoplasms (7.4 percent).

Heart disease accounted for over 44 percent of the conditions mentioned for deaths whose underlying cause was malignant neoplasms. Chronic obstructive pulmonary disease and pneumonia/influenza appeared among 7.6 percent and 7.4 percent, respectively, of the other conditions mentioned.

Three conditions - heart disease, nephritis/nephrosis, and congenital anomalies - appeared in over 86 percent of those mentioned for deaths due to perinatal conditions.

TABLE D-1
RESIDENT DEATHS BY UNDERLYING CAUSE AND
SELECTED CONDITIONS MENTIONED ON DEATH CERTIFICATE
PENNSYLVANIA, 1983

UNDERLYING CAUSE OF DEATH	CONDITIONS MENTIONED ON DEATH CERTIFICATE: HEART DISEASE	MALIGNANT NEOPLASMS	CEREBRO-VASCULAR DISEASE	CHRONIC OBSTRUC. PULMONARY DISEASE	PNEUMONIA & INFLUENZA	DIABETES MELLITUS	ACCIDENTS: OTHER	ACCIDENTS: MOTOR VEHICLE	ATHERO-SCLEROSIS
HEART DISEASE	49,780	2,185	4,696	3,273	1,643	4,930	1,140	17	3,152
MALIGNANT NEOPLASMS	7,761	26,917	637	1,333	1,301	940	464	1	310
CEREBROVASCULAR DISEASE	3,129	308	8,384	297	611	834	265	2	1,457
CHRONIC OBSTRUCT. PULMONARY DIS.	1,961	207	133	3,521	509	144	91	0	99
PNEUMONIA & INFLUENZA	1,262	200	321	186	2,651	166	75	1	125
DIABETES MELLITUS	1,895	71	490	73	107	2,502	49	0	256
NON-MOTOR VEHICLE ACCIDENTS	613	56	80	42	81	58	2,335	1	36
MOTOR VEHICLE ACCIDENTS	88	0	7	3	2	3	1,372	1,812	3
ATHEROSCLEROSIS	840	72	0	71	134	100	55	0	1,451
LIVER DISEASE & CIRRHOSIS	402	41	19	41	61	72	19	0	9
SUICIDE	45	11	0	0	2	3	733	0	0
NEPHRITIS, NEPHROSIS, ETC.	828	71	90	49	81	96	33	3	44
SEPTICEMIA	679	76	103	42	86	80	31	3	31
AORTIC ANEURYSM	401	34	29	52	8	16	88	0	26
PERINATAL CONDITIONS	30	0	4	2	2	0	0	0	0
HOMICIDE	13	0	2	0	2	0	555	0	0
PNEUMOCONIOSIS	369	64	38	290	52	27	5	0	15
CONGENITAL ANOMALIES	149	5	31	1	16	2	33	0	1
BENIGN/UNSPECIFIED NEOPLASMS	155	26	44	17	30	16	23	0	9
HYPERTENSION	265	22	22	26	17	58	9	0	123
ULCERS OF STOMACH/DUODENUM	153	24	19	33	15	23	45	0	8
HERNIA/INTESTINAL OBSTRUCTION	127	17	10	23	21	10	50	0	9
ANEMIAS	109	8	17	4	20	9	6	0	5
PARKINSONS DISEASE	106	8	36	6	33	4	16	0	8
GALL BLADDER DISORDERS	82	9	6	8	6	13	36	0	3
NUTRITIONAL DEFICIENCIES	66	0	15	5	24	4	11	0	7
DISEASES OF PANCREAS	50	3	3	9	7	7	3	0	7
TUBERCULOSIS	33	4	0	15	2	4	5	0	1
ALCOHOLISM	31	2	5	4	10	6	9	0	0
VENOUS EMBOLISM & THROMBOSIS	97	12	12	8	3	9	4	0	4
MULTIPLE SCLEROSIS	29	1	2	0	15	4	5	0	1
EPILEPSY	33	2	4	5	3	0	13	0	3
INFECTIONS OF KIDNEY	42	6	6	2	3	5	2	0	3
MENINGITIS	20	3	3	1	4	2	1	0	0
ALL OTHER CAUSES	3,386	365	536	317	601	388	564	6	287

(CONTINUED)

TABLE D-1 (CONTINUED)
RESIDENT DEATHS BY UNDERLYING CAUSE AND
SELECTED CONDITIONS MENTIONED ON DEATH CERTIFICATE
PENNSYLVANIA, 1983

UNDERLYING CAUSE OF DEATH	CONDITIONS MENTIONED ON DEATH CERTIFICATE						
	LIVER DISEASE AND CIRRHOSIS	SUICIDE	NEPHRITIS AND NEPHROSIS	SEPTICEMIA	AORTIC ANEURYSM	PERINATAL CONDITIONS	HOMICIDE
HEART DISEASE	308	3	1,752	547	243	16	2
MALIGNANT NEOPLASMS	132	2	1,029	954	36	6	0
CEREBROVASCULAR DISEASE	43	0	189	236	15	3	1
CHRONIC OBSTRUCT. PULMONARY DIS.	39	0	103	88	14	1	0
PNEUMONIA & INFLUENZA	40	0	129	268	13	4	0
DIABETES MELLITUS	21	0	308	172	5	1	0
NON-MOTOR VEHICLE ACCIDENTS	19	0	55	87	6	2	0
MOTOR VEHICLE ACCIDENTS	6	0	4	12	1	0	0
ATHEROSCLEROSIS	8	0	146	46	13	0	0
LIVER DISEASE & CIRRHOSIS	1,371	0	142	70	0	0	0
SUICIDE	0	1,340	0	2	0	0	0
NEPHRITIS, NEPHROSIS, ETC.	21	1	1,298	133	9	15	0
SEPTICEMIA	15	0	180	1,171	8	2	2
AORTIC ANEURYSM	5	0	59	20	904	0	0
PERINATAL CONDITIONS	0	0	26	2	0	891	0
HOMICIDE	0	0	1	5	0	0	613
PNEUMOCONIOSIS	3	1	19	9	2	0	0
CONGENITAL ANOMALIES	0	0	30	13	3	245	0
BENIGN/UNSPECIFIED NEOPLASMS	5	0	23	15	0	0	0
HYPERTENSION	2	0	20	12	10	1	0
ULCERS OF STOMACH/DUODENUM	19	0	35	35	1	0	0
HERNIA/INTESTINAL OBSTRUCTION	4	0	26	51	1	1	0
ANEMIAS	1	0	21	22	0	0	0
PARKINSONS DISEASE	0	0	5	26	0	0	0
GALL BLADDER DISORDERS	8	0	24	41	1	0	0
NUTRITIONAL DEFICIENCIES	1	0	16	27	1	0	0
DISEASES OF PANCREAS	3	0	21	19	0	0	0
TUBERCULOSIS	0	0	5	4	0	0	0
ALCOHOLISM	0	0	6	7	0	0	0
VENOUS EMBOLISM & THROMBOSIS	2	0	6	8	1	0	0
MULTIPLE SCLEROSIS	0	0	2	12	0	0	0
EPILEPSY	0	0	6	2	0	0	0
INFECTIONS OF KIDNEY	2	0	24	16	0	0	0
MENINGITIS	0	0	5	7	0	3	0
ALL OTHER CAUSES	117	3	700	1,047	33	19	1

(CONTINUED)

TABLE D-1 (CONTINUED)
RESIDENT DEATHS BY UNDERLYING CAUSE AND
SELECTED CONDITIONS MENTIONED ON DEATH CERTIFICATE
PENNSYLVANIA, 1983

UNDERLYING CAUSE OF DEATH	CONDITIONS MENTIONED ON DEATH CERTIFICATE						
	PNEUMOCONIOSIS	CONGENITAL ANOMALIES	BENIGN AND UNSPECIFIED NEOPLASMS	HYPER-TENSION	ULCERS OF STOMACH AND DUODENUM	HERNIA AND INTESTINAL OBSTRUCTION	ANEMIAS
HEART DISEASE	552	70	166	2,626	253	231	651
MALIGNANT NEOPLASMS	265	15	42	435	121	310	633
CEREBROVASCULAR DISEASE	59	22	20	1,054	31	37	82
CHRONIC OBSTRUCT. PULMONARY DIS.	53	3	14	74	36	23	39
PNEUMONIA & INFLUENZA	22	15	12	41	15	15	45
DIABETES MELLITUS	12	4	4	224	17	12	28
NON-MOTOR VEHICLE ACCIDENTS	6	5	2	21	6	17	15
MOTOR VEHICLE ACCIDENTS	4	1	2	3	1	0	0
ATHEROSCLEROSIS	5	4	6	0	11	7	32
LIVER DISEASE & CIRRHOSIS	3	1	6	16	25	7	26
SUICIDE	3	0	1	1	0	0	0
NEPHRITIS, NEPHROSIS, ETC.	5	10	5	12	10	11	43
SEPTICEMIA	5	3	12	17	12	16	121
AORTIC ANEURYSM	13	1	1	63	2	2	5
PERINATAL CONDITIONS	0	46	1	0	0	0	0
HOMICIDE	0	0	0	0	0	0	0
PNEUMOCONIOSIS	602	1	9	16	4	3	5
CONGENITAL ANOMALIES	0	606	3	7	0	0	0
BENIGN/UNSPECIFIED NEOPLASMS	5	2	439	12	3	6	17
HYPERTENSION	3	1	1	463	4	5	16
ULCERS OF STOMACH/DUODENUM	2	1	0	9	327	4	10
HERNIA/INTESTINAL OBSTRUCTION	4	0	2	3	3	262	4
ANEMIAS	2	0	1	2	3	1	186
PARKINSONS DISEASE	1	0	0	7	4	4	3
GALL BLADDER DISORDERS	2	0	0	2	6	1	1
NUTRITIONAL DEFICIENCIES	0	0	0	0	0	2	9
DISEASES OF PANCREAS	2	0	0	2	4	6	1
TUBERCULOSIS	8	0	0	2	1	0	3
ALCOHOLISM	0	0	0	2	3	0	0
VENOUS EMBOLISM & THROMBOSIS	1	0	4	4	1	1	1
MULTIPLE SCLEROSIS	0	0	0	1	0	1	0
EPILEPSY	0	0	0	1	1	0	0
INFECTIONS OF KIDNEY	0	1	0	2	0	0	5
MENINGITIS	1	1	0	2	0	0	0
ALL OTHER CAUSES	40	35	31	179	54	75	218

(CONTINUED)

TABLE D-1 (CONTINUED)
RESIDENT DEATHS BY UNDERLYING CAUSE AND
SELECTED CONDITIONS MENTIONED ON DEATH CERTIFICATE
PENNSYLVANIA, 1983

UNDERLYING CAUSE OF DEATH	CONDITIONS MENTIONED ON DEATH CERTIFICATE						
	PARKINSON'S DISEASE	GALL BLADDER DISORDERS	NUTRITIONAL DEFICIENCIES	DISEASES OF PANCREAS	TUBER-CULOSIS	ALCOHOLISM	VENOUS EMBOLISM & THROMBOSIS
HEART DISEASE	395	173	253	55	37	71	58
MALIGNANT NEOPLASMS	54	40	569	22	23	18	92
CEREBROVASCULAR DISEASE	87	15	68	7	5	17	16
CHRONIC OBSTRUCT. PULMONARY DIS.	25	6	62	7	8	16	3
PNEUMONIA & INFLUENZA	60	7	33	4	9	6	3
DIABETES MELLITUS	15	16	13	11	2	8	6
NON-MOTOR VEHICLE ACCIDENTS	13	3	13	3	3	20	8
MOTOR VEHICLE ACCIDENTS	0	0	0	1	0	1	2
ATHEROSCLEROSIS	25	11	35	3	0	1	5
LIVER DISEASE & CIRRHOSIS	2	7	7	20	3	16	2
SUICIDE	0	0	0	0	0	1	0
NEPHRITIS, NEPHROSIS, ETC.	8	6	13	4	2	3	3
SEPTICEMIA	10	11	19	7	1	3	1
AORTIC ANEURYSM	1	2	1	2	0	0	1
PERINATAL CONDITIONS	0	0	0	0	0	0	1
HOMICIDE	0	0	0	0	0	0	0
PNEUMOCONIOSIS	5	0	4	2	0	0	1
CONGENITAL ANOMALIES	0	1	1	0	0	0	0
BENIGN/UNSPECIFIED NEOPLASMS	6	0	10	0	0	0	3
HYPERTENSION	1	1	2	2	0	4	1
ULCERS OF STOMACH/DUODENUM	0	3	2	2	1	3	0
HERNIA/INTESTINAL OBSTRUCTION	6	2	7	2	1	0	0
ANEMIAS	4	0	1	0	1	0	1
PARKINSONS DISEASE	269	0	5	0	0	0	0
GALL BLADDER DISORDERS	0	153	4	10	0	1	0
NUTRITIONAL DEFICIENCIES	1	1	168	1	0	0	0
DISEASES OF PANCREAS	0	4	2	124	1	0	0
TUBERCULOSIS	1	0	2	1	84	2	1
ALCOHOLISM	1	0	8	9	0	149	0
VENOUS EMBOLISM & THROMBOSIS	1	0	1	0	0	0	114
MULTIPLE SCLEROSIS	0	0	2	0	0	0	1
EPILEPSY	0	0	0	0	0	4	0
INFECTIONS OF KIDNEY	0	1	0	0	0	0	0
MENINGITIS	0	0	0	0	1	0	0
ALL OTHER CAUSES	74	38	198	22	18	36	18

(CONTINUED)

TABLE D-1 (CONTINUED)
RESIDENT DEATHS BY UNDERLYING CAUSE AND
SELECTED CONDITIONS MENTIONED ON DEATH CERTIFICATE
PENNSYLVANIA, 1983

UNDERLYING CAUSE OF DEATH	CONDITIONS MENTIONED ON DEATH CERTIFICATE				
	MULTIPLE SCLEROSIS	EPILEPSY	INFECTIONS OF KIDNEY	MENINGITIS	ALL OTHER MENTIONS
HEART DISEASE	29	28	37	5	15,085
MALIGNANT NEOPLASMS	13	11	20	35	9,265
CEREBROVASCULAR DISEASE	4	18	6	1	3,230
CHRONIC OBSTRUCT. PULMONARY DIS.	1	6	2	1	2,243
PNEUMONIA & INFLUENZA	8	1	8	7	1,489
DIABETES MELLITUS	2	2	10	4	834
NON-MOTOR VEHICLE ACCIDENTS	1	2	2	3	2,360
MOTOR VEHICLE ACCIDENTS	0	0	0	0	1,840
ATHEROSCLEROSIS	2	2	3	0	633
LIVER DISEASE & CIRRHOSIS	0	3	2	0	1,096
SUICIDE	0	1	0	0	1,335
NEPHRITIS, NEPHROSIS, ETC.	0	0	1	3	676
SEPTICEMIA	7	0	5	5	727
AORTIC ANEURYSM	0	0	4	0	390
PERINATAL CONDITIONS	0	1	0	3	73
HOMICIDE	0	0	0	0	611
PNEUMOCONIOSIS	0	0	1	1	287
CONGENITAL ANOMALIES	0	3	2	2	171
BENIGN/UNSPECIFIED NEOPLASMS	1	2	0	1	213
HYPERTENSION	1	1	2	0	199
ULCERS OF STOMACH/DUODENUM	0	1	0	0	224
HERNIA/INTESTINAL OBSTRUCTION	1	1	0	0	192
ANEMIAS	0	0	0	0	98
PARKINSONS DISEASE	0	0	0	0	173
GALL BLADDER DISORDERS	1	0	0	0	124
NUTRITIONAL DEFICIENCIES	0	0	0	1	130
DISEASES OF PANCREAS	0	0	0	0	77
TUBERCULOSIS	0	0	0	1	59
ALCOHOLISM	0	0	0	0	81
VENOUS EMBOLISM & THROMBOSIS	0	0	1	0	57
MULTIPLE SCLEROSIS	91	0	2	0	52
EPILEPSY	0	81	0	0	55
INFECTIONS OF KIDNEY	0	0	63	0	37
MENINGITIS	0	0	0	62	34
ALL OTHER CAUSES	8	13	21	12	9,942

MARRIAGE AND DIVORCE STATISTICS

1983 MARRIAGE AND DIVORCE STATISTICS

****
HIGHLIGHTS
****

Marriages

In 1983, the number of marriages occurring in Pennsylvania was 92,095 compared to 93,350 in 1982. The rate was 7.7 per 1,000 population, a slight decrease from the rate of 7.9 recorded in 1982.

The largest proportion of brides continued to be in the age group 20-24--almost 40 percent of all marriages. Since 1970, the number of marriages for women under 20 years of age has decreased by 44.3 percent while the number of women 25 years of age and older has increased by almost 48 percent.

Age at marriage for grooms followed a pattern similar to that of the brides, with the numbers and rates rising for those 25 years and over and decreasing for those under 25 years of age. Approximately two-thirds of the grooms were aged 20-29 for almost every year from 1970 to 1983.

Age 20-24 was the most common age group for first marriages for both women and men. For brides 30 years and over, there were nearly three times as many remarriages than first marriages and for grooms in the same age group there were twice as many remarriages than first marriages.

For persons previously widowed, 64.3 percent of the women and 82.3 percent of the men were age 50 and over at the time of their remarriage. Among those previously divorced, the highest number of remarriages occurred in the age group 25-29 for women and 30-34 for men.

For 74 percent of the brides and 72.1 percent of the grooms, the marriage occurring in Pennsylvania was a first marriage. Just over three percent of the women and the men had had two or more prior marriages.

In 21.7 percent of all marriages, both the bride and groom were in the age group 20-24. The second most common combination was the bride 20-24 and the groom 25-29--13.4 percent of all marriages.

Nearly all of the brides (94.4 percent) and grooms (90.3 percent) that were married in Pennsylvania in 1983 were residents of Pennsylvania.

June was the most popular month for marriages in 1983 with 11,218 marriages occurring in Pennsylvania. October and September were the next favorite months with 10,360 and 10,188, respectively. The least popular month was January with only 3,755 marriages taking place.

Allegheny County had the highest number of marriages - 10,847. However, the highest marriage rate per 1,000 population occurred in Lawrence County at 10.5. Delaware County came in second highest with a rate of 10.2. Although Philadelphia County had the second highest number of marriages -

10,098, it had the distinction of having the lowest marriage rate in the State in 1983 - 6.1.

Divorces

In 1983, the number of divorces and annulments occurring in Pennsylvania was 40,150—which represents a slight decrease compared to the 1982 figure of 41,280. The rate was 3.4 per 1,000 population, the second highest number and rate ever recorded.

Over half of all divorces and annulments occurred in marriages of nine years duration or less. Marriages of four years duration had the highest number of divorces and annulments—3,006. Over 16 percent of the divorces and annulments occurred in marriages of 20 years duration or longer.

The highest number of divorces and annulments occurred in Philadelphia County—5,727. However, the highest divorce rate per 1,000 population occurred in Cameron County with an unusually high rate of 271.2. Warren County had the lowest divorce rate in the State in 1983 - 0.7.

NOTE:

Caution is advised when analyzing marriage and divorce statistics which are based on the number of events occurring in a county and may or may not reflect the county of residence of either party. See the "Reliability of Rates" section of the Technical Notes in the back of this report for more discussion of these rates.

TABLE E-1
MARRIAGES, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1906-1983

YEAR	NUMBER	RATE*	YEAR	NUMBER	RATE*
			1944	62,412	6.2
1983	92,095	7.7	1943	57,212	5.7
1982	93,350	7.9	1942	68,126	6.8
1981	92,644	7.8	1941	60,935	6.1
1980	93,673	7.9	1940	78,207	7.9
1979	93,677	7.9	1939	86,710	8.8
1978	92,682	7.9	1938	71,861	7.3
1977	90,842	7.7	1937	74,907	7.6
1976	90,442	7.6	1936	64,723	6.6
1975	91,665	7.7	1935	74,867	7.7
1974	96,663	8.2	1934	79,602	8.2
1973	101,076	8.5	1933	63,459	6.5
1972	98,496	8.3	1932	56,031	5.8
1971	94,663	8.0	1931	60,158	6.2
1970	94,516	8.0	1930	65,143	6.8
1969	94,861	8.0	1929	70,507	7.4
1968	91,947	7.8	1928	67,652	7.2
1967	85,508	7.3	1927	71,130	7.6
1966	81,337	7.0	1926	72,222	7.8
1965	80,187	7.0	1925	71,093	7.7
1964	76,660	6.7	1924	73,331	8.0
1963	72,024	6.3	1923	77,666	8.6
1962	68,916	6.1	1922	68,567	7.7
1961	69,617	6.1	1921	72,981	8.2
1960	71,835	6.3	1920	83,865	9.6
1959	71,719	6.3	1919	76,446	8.8
1958	67,203	6.1	1918	61,737	7.2
1957	75,208	6.7	1917	76,474	9.0
1956	77,682	7.0	1916	72,023	8.6
1955	77,543	7.0	1915	65,677	8.0
1954	72,934	6.7	1914	67,567	8.3
1953	80,316	7.4	1913	69,245	8.6
1952	78,946	7.4	1912	65,081	8.2
1951	84,878	8.0	1911	62,314	8.0
1950	89,669	8.5	1910	62,495	8.1
1949	83,995	8.0	1909	57,479	7.6
1948	98,753	9.5	1908	54,302	7.3
1947	108,318	10.5	1907	60,243	8.3
1946	122,349	12.0	1906	59,327	8.3
1945	75,392	7.4			

*RATE PER 1,000 POPULATION.

TABLE E-2
MARRIAGES BY AGE OF BRIDE, NUMBER AND RATE:
PENNSYLVANIA OCCURRENCES, 1983, 1982, 1981, 1980, 1975, 1970

AGE OF BRIDE (IN YEARS)	1983		1982		1981		1980		1975		1970	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AGES	92,095	14.9	93,350	15.1	92,644	15.0	93,673	15.2	91,665	14.9	94,516	20.7
UNDER 20	10,083	21.4	12,050	24.2	13,116	24.5	14,330	26.8	21,207	37.4	22,323	41.5
20-24**	36,745	69.7	38,867	73.7	39,904	74.3	41,886	78.0	41,769	78.7	48,631	106.4
25-29	22,478	46.1	21,788	44.7	20,101	42.2	19,150	40.2	13,597	30.1	10,265	28.3
30-34	9,672	21.7	9,019	20.3	8,423	19.5	7,813	18.1	5,076	14.2	3,568	11.3
35-39	4,822	12.6	4,427	11.5	3,898	11.1	3,640	10.4	2,681	8.6	2,174	6.7
40-44	2,667	8.2	2,421	7.5	2,320	7.5	2,095	6.8	1,860	5.8	2,021	5.2
45-49	1,612	5.3	1,418	4.6	1,447	4.6	1,426	4.6	1,717	4.6	1,714	4.2
50 & OVER	3,416	1.7	3,360	1.7	3,435	1.7	3,333	1.7	3,758	2.0	3,820	2.1

* RATE PER 1,000 FEMALE POPULATION.
**BRIDES WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

TABLE E-3
MARRIAGES BY AGE OF GROOM, NUMBER AND RATE:
PENNSYLVANIA OCCURRENCES, 1983, 1982, 1981, 1980, 1975, 1970

AGE OF GROOM (IN YEARS)	1983		1982		1981		1980		1975		1970	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AGES	92,095	16.2	93,350	16.4	92,644	16.3	93,673	16.5	91,665	16.2	94,516	23.4
UNDER 20	3,527	6.9	3,995	7.8	4,342	8.0	4,893	9.0	8,269	14.1	9,083	16.9
20-24**	30,104	58.3	32,687	63.3	34,277	65.6	36,931	70.6	41,079	77.7	48,757	123.4
25-29	27,504	57.9	27,258	57.4	26,488	56.5	25,582	54.6	21,027	54.3	18,083	52.7
30-34	12,862	28.9	12,484	28.0	11,523	27.7	10,995	26.4	7,391	22.0	5,735	19.5
35-39	6,614	18.1	6,149	16.8	5,349	16.2	5,028	15.2	3,664	12.8	3,055	10.2
40-44	3,656	12.1	3,376	11.2	3,163	11.1	2,952	10.4	2,559	8.7	2,464	6.9
45-49	2,275	8.1	2,029	7.2	2,056	7.2	2,013	7.0	2,171	6.3	2,052	5.5
50 & OVER	5,553	3.6	5,372	3.5	5,446	3.5	5,279	3.3	5,505	3.7	5,287	3.6

* RATE PER 1,000 MALE POPULATION.
**GROOMS WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

TABLE E-4
PREVIOUS MARITAL STATUS BY RACE* AND AGE OF BRIDE
PENNSYLVANIA OCCURRENCES, 1983

AGE OF BRIDE (IN YEARS)	ALL MARRIAGES**		NEVER MARRIED		WIDOWED		DIVORCED	
	WHITE	ALL OTHER	WHITE	ALL OTHER	WHITE	ALL OTHER	WHITE	ALL OTHER
ALL AGES	84,293	7,181	67,197	5,535	2,672	228	19,385	1,406
UNDER 15	19	2	18	2	0	0	1	0
15-19	9,971	576	9,920	576	1	0	48	0
20-24	34,274	2,203	32,441	2,164	44	1	1,786	38
25-29	20,401	1,957	14,969	1,684	117	12	5,303	257
30-34	8,560	1,052	3,457	662	147	15	4,947	373
35-39	4,264	522	804	203	177	33	3,281	285
40-44	2,335	314	245	99	201	32	1,887	182
45-49	1,396	206	119	63	256	19	1,036	124
50 & OVER	3,047	345	206	79	1,749	115	1,086	147
UNKNOWN	28	4	18	3	0	1	10	0

* CASES WITH UNKNOWN RACE OF BRIDE ARE EXCLUDED FROM THIS TABLE.
**TOTAL INCLUDES UNKNOWN PREVIOUS MARITAL STATUS.

TABLE E-5
PREVIOUS MARITAL STATUS BY RACE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1983

AGE OF GROOM (IN YEARS)	ALL MARRIAGES*		NEVER MARRIED		WIDOWED		DIVORCED	
	WHITE	ALL OTHER	WHITE	ALL OTHER	WHITE	ALL OTHER	WHITE	ALL OTHER
ALL AGES	83,833	7,647	60,326	5,624	2,766	226	20,684	1,786
UNDER 15	6	0	6	0	0	0	0	0
15-19	3,262	227	3,249	227	0	0	12	0
20-24	28,040	1,813	27,324	1,794	5	0	699	19
25-29	25,137	2,224	21,175	2,041	41	5	3,914	179
30-34	11,475	1,297	6,122	871	68	11	5,270	412
35-39	5,855	703	1,497	322	92	6	4,259	373
40-44	3,203	433	428	143	121	14	2,649	276
45-49	1,956	301	185	82	146	21	1,621	197
50 & OVER	4,866	647	521	143	2,290	171	2,251	329
UNKNOWN	29	2	17	1	3	0	9	1

* CASES WITH UNKNOWN RACE OF GROOM ARE EXCLUDED FROM THIS TABLE.
**TOTAL INCLUDES UNKNOWN PREVIOUS MARITAL STATUS.

TABLE E-6
PRIOR MARRIAGES BY AGE OF BRIDE
PENNSYLVANIA OCCURRENCES, 1983

AGE OF BRIDE (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGE	PRIOR MARRIAGES ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	92,095	68,167	20,985	2,548	321	77
UNDER 15	22	21	0	0	1	0
15-19	10,661	10,609	50	2	0	0
20-24	36,710	34,805	1,866	29	0	10
25-29	22,478	16,733	5,370	330	20	25
30-34	9,672	4,147	4,691	574	49	11
35-39	4,822	1,013	3,211	511	78	9
40-44	2,667	346	1,876	375	59	11
45-49	1,612	184	1,153	228	42	5
50 & OVER	3,416	285	2,558	495	72	6
UNKNOWN	35	24	10	1	0	0

* TOTAL INCLUDES RECORDS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE.

TABLE E-7
PRIOR MARRIAGES BY AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1983

AGE OF GROOM (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGE	PRIOR MARRIAGES ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	92,095	66,372	22,548	2,771	322	82
UNDER 15	8	8	0	0	0	0
15-19	3,519	3,506	13	0	0	0
20-24	30,068	29,323	732	11	0	2
25-29	27,504	23,327	4,019	146	2	10
30-34	12,862	7,042	5,308	463	30	19
35-39	6,614	1,832	4,093	621	57	11
40-44	3,636	575	2,523	472	71	15
45-49	2,275	271	1,630	328	40	6
50 & OVER	5,553	465	4,217	730	122	19
UNKNOWN	36	23	13	0	0	0

* TOTAL INCLUDES RECORDS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE.

TABLE E-6
ALL MARRIAGES BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1983

AGE OF GROOM (IN YEARS)	ALL AGES	AGE OF BRIDE (IN YEARS)													
		UNDER 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 +	UNKNOWN
ALL AGES	92,095	10,683	36,710	22,478	9,672	4,822	2,667	1,612	1,070	815	695	473	229	136	35
UNDER 20	3,527	2,653	771	76	19	7	0	0	0	0	0	0	0	0	1
20-24	30,068	6,585	19,987	2,860	462	120	28	8	2	2	0	0	0	2	12
25-29	27,504	1,144	12,346	11,214	2,211	469	88	18	5	0	2	0	0	0	7
30-34	12,862	207	2,613	5,440	3,356	956	224	46	13	0	1	0	0	0	6
35-39	6,614	56	677	1,888	2,082	1,339	407	134	20	4	2	0	0	1	4
40-44	3,656	18	210	644	922	922	659	221	43	13	3	1	0	0	0
45-49	2,275	10	60	227	354	523	576	359	125	31	6	2	1	0	1
50-54	1,618	2	19	72	161	283	345	364	246	92	30	2	1	0	1
55-59	1,325	4	9	31	64	115	211	246	288	234	89	27	5	2	0
60-64	1,033	0	3	11	19	51	90	131	191	247	223	53	12	2	0
65-69	738	0	4	6	13	20	20	55	98	126	196	161	31	7	1
70-74	462	0	0	1	1	5	13	16	29	36	100	155	81	25	0
75 +	377	1	0	2	2	7	6	14	10	28	43	72	97	95	0
UNKNOWN	36	3	11	6	6	5	0	0	0	0	0	0	1	2	2

TABLE E-9
ALL MARRIAGES BY RESIDENCE OF BRIDE AND GROOM, NUMBER AND PERCENT:
PENNSYLVANIA OCCURRENCES, 1983

RESIDENCE	BRIDE		GROOM	
	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS*	92,095	100.0	92,095	100.0
PENNSYLVANIA	86,961	94.4	83,188	90.3
ALL OTHER STATES	5,081	5.5	8,781	9.5
TERRITORIES AND POSSESSIONS	2	0.0	4	0.0
FOREIGN COUNTRIES	49	0.1	120	0.1

*TOTAL INCLUDES TWO BRIDES AND TWO GROOMS WHOSE RESIDENCES WERE NOT INDICATED.

TABLE E-10
ALL MARRIAGES BY MONTH, NUMBER AND PERCENT:
PENNSYLVANIA OCCURRENCES, 1983

MONTH OF MARRIAGE	NUMBER	PERCENT
ALL MONTHS	92,095	100.0
JANUARY	3,755	4.1
FEBRUARY	4,080	4.4
MARCH	4,620	5.0
APRIL	7,709	8.4
MAY	9,792	10.6
JUNE	11,218	12.2
JULY	9,270	10.1
AUGUST	9,446	10.3
SEPTEMBER	10,188	11.1
OCTOBER	10,360	11.2
NOVEMBER	6,407	7.0
DECEMBER	5,250	5.7

TABLE E-11
DIVORCES AND ANNULMENTS, NUMBER AND RATE:
PENNSYLVANIA OCCURRENCES, 1945-1983

YEAR	NUMBER	RATE*	YEAR	NUMBER	RATE*
1983	40,150	3.4	1964	16,139	1.4
1982	41,280	3.5	1963	14,789	1.3
1981	38,842	3.3	1962	14,316	1.3
1980	34,922	2.9	1961	13,606	1.2
1979	39,808	3.4	1960	14,429	1.3
1978	38,261	3.3	1959	13,891	1.2
1977	37,868	3.2	1958	12,243	1.1
1976	36,531	3.1	1957	11,651	1.0
1975	34,955	3.0	1956	11,480	1.0
1974	32,899	2.8	1955	11,103	1.0
1973	31,005	2.6	1954	11,711	1.1
1972	27,501	2.3	1953	12,121	1.1
1971	25,110	2.1	1952	11,905	1.1
1970	22,622	1.9	1951	11,743	1.1
1969	21,580	1.8	1950	12,096	1.2
1968	20,326	1.7	1949	13,167	1.3
1967	18,668	1.6	1948	14,812	1.4
1966	16,940	1.5	1947	16,308	1.6
1965	16,578	1.4	1946	20,909	2.0
			1945	12,625	1.2

*RATE PER 1,000 POPULATION.

TABLE E-12
DIVORCES AND ANNULMENTS BY DURATION OF MARRIAGE,
NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1983

DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT	DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT
TOTAL	40,150	100.0	12	1,468	3.7
			13	1,341	3.3
Under 1	153	0.4	14	1,308	3.3
1	1,230	3.1	15	1,157	2.9
2	2,236	5.6	16	976	2.4
3	2,844	7.1	17	881	2.2
4	3,006	7.5	18	822	2.0
5	2,765	6.9	19	744	1.9
6	2,426	6.0	20-24	2,881	7.2
7	2,243	5.6	25-29	1,778	4.4
8	2,023	5.0	30-34	999	2.5
9	1,890	4.7	35-39	537	1.3
10	1,812	4.5	OVER 39	332	0.8
11	1,715	4.3	NOT STATED	583	1.5

TABLE E-13
MARRIAGES AND DIVORCES BY COUNTY OF OCCURRENCE,
NUMBER AND RATE: PENNSYLVANIA, 1983

COUNTY	MARRIAGES		DIVORCES	
	NUMBER*	RATE**	NUMBER*	RATE**
ALL COUNTIES	92,095	7.7	40,150	3.4
ADAMS	475	6.7	233	3.3
ALLEGHENY	10,847	7.6	4,730	3.3
ARMSTRONG	637	8.1	217	2.8
BEAVER	1,294	6.4	459	2.3
BEDFORD	324	6.7	123	2.6
BERKS	2,475	7.8	1,217	3.9
BLAIR	1,027	7.6	102	0.8
BRADFORD	602	9.4	226	3.5
BUCKS	3,962	7.9	1,935	3.9
BUTLER	1,089	7.3	473	3.2
CAMBRIA	1,296	7.3	467	2.6
CAMERON	61	9.1	1,817	271.2
CARBON	390	7.2	150	2.8
CENTRE	857	7.5	345	3.0
CHESTER	2,281	6.9	1,151	3.5
CLARION	380	8.8	101	2.3
CLEARFIELD	606	7.2	277	3.3
CLINTON	310	7.9	148	3.8
COLUMBIA	554	8.9	241	3.9
CRAWFORD	766	8.5	247	2.8
CUMBERLAND	1,637	8.9	680	3.7
DAUPHIN	1,963	8.3	996	4.2
DELAWARE	5,612	10.2	1,751	3.2
ELK	306	8.2	102	2.7
ERIE	2,534	9.0	903	3.2
FAYETTE	1,098	6.9	404	2.5
FOREST	46	9.0	14	2.7
FRANKLIN	726	6.3	443	3.8
FULTON	99	7.4	38	2.8
GREENE	328	8.0	133	3.2
HUNTINGDON	364	8.5	138	3.2
INDIANA	640	6.9	210	2.2
JEFFERSON	454	9.3	156	3.2
JUNIATA	165	8.4	46	2.3
LACKAWANNA	1,627	7.2	598	2.7
LANCASTER	3,131	8.3	1,232	3.3
LAWRENCE	1,114	10.5	345	3.2
LEBANON	924	8.3	392	3.5
LEHIGH	2,140	7.8	969	3.5
LUZERNE	2,458	7.3	815	2.4
LYCOMING	1,082	9.2	439	3.7
MCKEAN	459	9.3	164	3.3
MERCER	1,121	8.8	417	3.3
MIFFLIN	390	8.4	139	3.0
MONROE	672	9.0	284	3.8
MONTGOMERY	5,790	8.8	1,950	3.0
MONTOUR	158	9.3	51	3.0
NORTHAMPTON	1,948	8.5	730	3.2
NORTHUMBERLAND	818	8.2	347	3.5
PERRY	311	8.4	74	2.0
PHILADELPHIA	10,098	6.1	5,727	3.5
PIKE	158	8.0	43	2.2
POTTER	176	9.7	69	3.8
SCHUYLKILL	1,161	7.4	471	3.0
SNYDER	301	8.6	95	2.7
SOMERSET	532	6.5	260	3.2
SULLIVAN	50	8.1	10	1.6
SUSQUEHANNA	331	8.6	127	3.3
TIOGA	382	9.5	126	3.1
UNION	303	9.0	103	3.1
VENANGO	535	8.3	123	1.9
WARREN	425	8.9	34	0.7
WASHINGTON	1,496	6.9	590	2.7
WAYNE	343	9.2	129	3.5
WESTMORELAND	2,861	7.3	1,169	3.0
WYOMING	226	8.4	107	4.0
YORK	2,350	7.8	1,345	4.2

* TOTAL MARRIAGES AND TOTAL DIVORCES INCLUDE UNKNOWN COUNTY OF OCCURRENCE.
**RATE PER 1,000 1983 PRELIMINARY PROVISIONAL ESTIMATED POPULATION OF EACH SPECIFIED COUNTY.

TECHNICAL NOTES

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TECHNICAL NOTES
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A. SOURCES OF DATA

Birth, death, and fetal death cetificates are the source documents for data on vital events of Pennsylvania residents during the 1983 calendar year. A copy of each of these types of certificates is included as Figures I, II, and III.

The cut-off date for 1983 data in this report is March 1, 1984. Any data pertaining to a 1983 event for which a certificate was filed after March 1, 1984, are not included in this report. It is possible that data obtained from the State Health Data Center may differ slightly from that which appears in this report. If this should occur, it is due to an update to the 1983 data year which was made after the March 1 deadline for this report.

Events relating to Pennsylvania residents which occurred in another state are included in this report. The inclusion of these data are made possible by an agreement among all registration areas in the United States for resident exchange of copies of certificates.

Birth and fetal death certificates are usually completed by hospital personnel present at the delivery. Death certificates are usually completed by hospital personnel, physicians, and funeral directors.

B. DATA QUALITY

The quality of data presented in this report is directly related to the completeness and accuracy of the information contained on the certificates. The State Health Data Center works to ensure that the information received is as complete and accurate as possible, and maintains two major program operations related to improving the quality of information received on certificates.

The query program is a system used to follow-back with hospital personnel, funeral directors, and/or physicians concerning incomplete or conflicting information. The follow-back contact is usually done by telephone and is based both on a manual and computer editing procedure.

The field program attempts to improve certificate information by educating the participants in the vital registration system, i.e., hospital personnel, funeral directors, physicians, etc., of the uses and importance of vital statistics data. The field program completes this mission by conducting seminars with various associations representing the types of individuals listed above. In addition to regularly scheduled seminars, the field representative makes site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors Pennsylvania's coding of statistical data. NCHS has established a two percent upper limit for coding difference involving any one data item, with the exception of cause of death. A five percent limit is established for this item due to the complexity of the coding process.

C. GEOGRAPHIC ALLOCATION

In Pennsylvania's registration program, vital events are classified geographically in two ways. The first way is by place of occurrence, i.e., the actual state and county in which the birth or death took place. The second and more customary way is by place of residence, i.e., the state, county and minor civil division stated to be the usual residence of the decedent in the case of death or of the mother in the case of a newborn. Fetal deaths and infant deaths, in cases where the child was never discharged from the hospital, are classified to the residence of the mother.

While occurrence statistics are accurate and have both administrative value and some statistical significance, residence statistics are by far the more useful tool in determining health indices for planning and evalution purposes. The statistics provided in this report are residence data unless otherwise stated.

Allocation of vital events by place of residence is sometimes difficult, because classification depends entirely on the statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, this statement may be incorrect or incomplete. For example, mailing addresses very often differ from the actual geographic residence. Where the mailing address is a rural delivery number or when an unincorporated place is given as the place of residence, it is seldom possible to allocate the event to a specific township or the correct minor civil division, if this information is not supplied. How often incorrect information on residence is recorded is not known, but it is generally due to lack of information concerning the exact location of residence or misunderstanding of the question on the part of the informant.

This problem is applicable generally only to minor civil division level data. Resident counts for the state as a whole are, for all practical purposes, very accurate. County resident figures are substantially correct and can be used with a high degree of confidence.

Each of Pennsylvania's 67 counties is classified into one of nine Health Service Areas, each administered by a Health Systems Agency (HSA). The Health Systems Agencies, established under P.L. 93-641, are regional agencies designated for geographic locations appropriate for the effective planning and development of health services. Some of the data presented in this report are aggregated by health service areas. Figure IV is a map showing the county distribution of the health service areas in Pennsylvania.

D. POPULATION ESTIMATES

The estimates of total county population used in this publication are preliminary provisional totals for July 1, 1983, prepared by the State Data Center at the Capitol Campus of the Pennsylvania State University, under an agreement with the State Health Data Center. They are an average of estimates based on 1983 data using the regression (ratio-correlation) method, and estimates based on 1982 data, except for 1983 income tax data, using the administrative records method. They are considered preliminary, because the provisional estimates, prepared by the Federal-State Cooperative Program for Local Population Estimates, which will eventually be published by the Bureau of the Census in Current Population Reports, Series P-26, will be based entirely upon 1983 data.

The estimates of total municipal population used in this publication are based on the 1982 revenue sharing estimates, published by the Bureau of the Census in Current Population Reports, Series P-26, No. 82-38-SC. The 1982 estimates were advanced to 1983 through application of a projected annual rate of change based on gross change between 1970 and 1980, controlled to county total population.

The estimates of total female population by age group, for the Commonwealth, used in this report, are for July 1, 1982. They were calculated using a projection method, based upon 1980 survival experience of 1970 age/sex cohorts.

E. CRITERIA FOR MUNICIPALITY SELECTION

Tables A-4, B-33, B-34, B-35, B-36, B-37, C-21, C-22 and C-23 show statistics for selected municipalities in the State. These municipalities include those cities or boroughs with a 1980 enumerated population of 25,000 or more. Sharon, which had a population of 19,057, was also included due to its designation in 1980 as an SMSA (Standard Metropolitan Statistical Area).

F. DEFINITIONS OF RATES

Absolute counts of births and deaths do not readily lend themselves to analysis and comparison between years and between various geographic areas because of population differences. These demographic differences include total number, age and sex distributions, and ethnic or racial differentials. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number such as a probablity of living or dying, a rate, a ratio, or an index. This conversion is made by relating the crude number of events to the living population at risk in a particular area at a specified time.

CRUDE BIRTH RATE: Number of live births per 1,000 population.

AGE-SPECIFIC BIRTH RATE: Number of live births to mothers in a specified age group per 1,000 females in the same age group.

GENERAL FERTILITY RATE: Number of live births per 1,000 females in the population 15-44 years old.

TOTAL FERTILITY RATE: The sum of the age-specific birth rates of women in five-year age groups multiplied by five. This rate estimates the number of children a cohort of 1,000 women would bear if they all went through their childbearing years exposed to the age-specific birth rates in effect for a particular time.

FETAL DEATH RATE: Fetal deaths of gestation 16 weeks and over, per 1,000 deliveries. The number of deliveries consists of live births plus fetal deaths.

NEONATAL DEATH RATE: Number of infants dying under 28 days of age per 1,000 live births.

INFANT DEATH RATE: Deaths under one year of age per 1,000 live births.

CRUDE DEATH RATE: Number of deaths per 1,000 population.

AGE-SPECIFIC DEATH RATE: Number of deaths for a specified age group per 1,000 population in the same age group.

CAUSE-SPECIFIC DEATH RATE: Number of deaths from a specific cause per 100,000 population.

MATERNAL DEATH RATE: Number of deaths from complications of pregnancy, childbirth, and the puerperium per 10,000 live births.

G. RELIABILITY OF RATES

Precautions should always be taken when comparing any rates based on vital events and population, especially crude rates. Both the size of the numbers and the characteristics of the population are important indicators of a rate's real value.

All statistics are subject to chance variation. Rates based on an unusually small or large number of events over a specified period of time or for a sparsely populated geographic area should be of particular concern and caution.

As an example of this problem, let us look at infant deaths in Forest County, the least populated county in the State. There was only one infant death but that one death was enough to give Forest County an infant death rate of 20.4 per 1,000 resident live births in 1983 and the distinction of having the highest infant death rate in the State among all counties. This is the chance result of one death having enormous significance when statistically applied to the small amount of births to the few residents of that county. Any statement regarding the unusually high 1983 infant death rate in Forest County could be quite misleading. When small events or populations are evident in calculating/studying rates, multiple year rates (usually 5 or 10 year summary rates) will sometimes provide a much better perspective or measurement of an outcome. For instance, if you calculate a

five year (1979-83) infant death rate for Forest County, you will get a rate of 11.1 per 1,000 resident live births. The corresponding five year infant death rate for the State is 12.2. Over the five year period, Forest County's infant death rate experience is relatively lower than the State. Expanding the period of time studied also enlarges the absolute numbers and adds more credence to a statement regarding Forest County's recent infant death rate.

A multiple year rate may also help substantiate what you at first considered an artifically high or low incidence for one year. Consider the 1983 divorce rate of 0.7 per 1,000 population in Warren County, the lowest rate in the State. The state rate was 3.4. A summary five-year (1979-83) divorce rate for Warren County adds up to another very small number - 0.9 per 1,000 population. In 1983, another rural county, Cameron, had an incredible rate of 271.2. A five year (1979-83) divorce rate for Cameron gives you a somewhat lower but still impressive 84.8. What do these widely varied rates mean? Are residents of Cameron County nearly 100 times more likely to get a divorce than residents of Warren County? No, of course not, the problem here is that divorce (and marriage) statistics are occurrence data, i.e., the rates are computed by dividing the number of divorces (or marriages) occurring in the county by the population residing in the county. Before one could reach any conclusions you would have to investigate local factors that could influence the number of marriages and divorces occurring in a county.

There are many characteristics of a population that can also render a crude rate of little use. Any unique demographic factors such as those related to age, sex and race are not accounted for in crude rates. One prime Pennsylvania example is Centre County. Because Penn State's major campus of some 30,000 students is located in this rural county, the median age is usually the lowest in the State. So is the crude death rate. But rates can be adjusted or calculated to more specific groups within a population. When all county rates are adjusted for age, Centre County is usually somewhere in the middle, close to the state rate. Age, sex or race adjusted and specific rates can offer a more refined measurement to compare vital event experiences over geographic areas or time periods. However, again there are limitations to their use and one should be very familiar with them before attempting use.

Reliability is not necessarily true of any single rate. In fact, you are probably better off presuming unreliability until you have examined further.

H. TOTAL FERTILITY RATE (TFR)

The total fertility rate (TFR) estimates the number of children a cohort of 1,000 females would bear if they all went through their childbearing years exposed to age-specific birth rates in effect during that particular year. The TFR can be used as an estimate of the fertility growth factor in a population, e..g, whether the childbearing population is replacing itself or not. A TFR of 2,000 or above indicates that, on the average, couples are producing at least 2 children to replace themselves. When the TFR

exceeds 2,000 for an extended period, the next generation of childbearing age will probably be larger than the present population of that age if all other factors affecting the population, such as death rates and migration, remain constant.

Pennsylvania's TFR has been under 2,000 since 1972. However, it has remained relatively stable since then, although still below replacement level.

The TFR is not meant to be used as an absolute measure of population trends, but can be helpful in understanding and analyzing them. There are many other factors to consider when determining population trends, such as crude birth rates, death rates and migration patterns. In fact, it would take several generations of a childbearing population maintaining a replacement level to just stabilize a specific population, again given that other factors, mainly age-specific death rates, also were maintained.

Pennsylvania's recent TFR rates indicate a possible decline, for a certain time in the future, of the female population of childbearing age.

I. THIRTY-THREE SELECTED CAUSES OF DEATH

In Tables C-5a, C-5b, C-5c, C-5d, C-5e, C-17, C-20, and C-23, thirty-three selected causes of death are indicated. These 33 causes of death and the ICD-9 cause codes included in each category are listed below. Please note that "Chronic Obstructive Pulmonary Disease" appears as a relatively new category. Medical certifiers have been using the term more often on certificates since the 1970's. The National Center for Health Statistics and many states have incorporated this category into their mortality reports for several years now. Therefore, for comparability reasons alone, it is important to include this category among leading causes of death. The category includes bronchitis, emphysema, asthma and allied conditions. Please note, however, that due to International Classification of Disease revisions used for coding causes of death, data on this new category are not comparably available prior to 1979, when the last revision occurred.

CAUSE OF DEATH	ICD CODE(S)
Heart Disease	390-398, 402 404-429
Malignant Neoplasms	140-208
Cerebrovascular Disease	430-438
Accidents, All Forms	E800-E807, E810-E949
Motor Vehicle	E810-E825
Other Than Motor Vehicle	E800-E807, E826-E949
Chronic Obstructive Pulmonary Disease	490-496
Diabetes Mellitus	250
Pneumonia and Influenza	480-487
Atherosclerosis	440
Liver Disease and Cirrhosis	571

THIRTY-THREE SELECTED CAUSES OF DEATH (Continued)

CAUSE OF DEATH	ICD CODE(S)
Suicide	E950-E959
Perinatal Conditions	760-779
Nephritis, Nephrosis	580-589
Aortic Aneurysm	441
Pneumoconiosis	500-505
Homicide	E960-E978
Congenital Anomalies	740-759
Septicemia	038
Benign and Unspecified Neoplasms	210-239
Hypertension	401,403
Ulcers of Stomach and Duodenum	531-533
Hernia and Intestinal Obstruction	550-553, 560
Parkinson's Disease	332
Anemias	280-285
Diseases of Pancreas	577
Venous Embolism and Thrombosis	451-453
Gall Bladder Disorders	574-575
Alcoholism	303
Infections of Kidney	590
Tuberculosis	010-018
Nutritional Deficiencies	260-269
Multiple Sclerosis	340
Epilepsy	345
Meningitis	320-322

H105.142 (Rev. 3/82) FIGURE I

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF LIVE BIRTH

PRIMARY DIST. NO. _____ STATE FILE NO.

CERTIFICATE SHOULD BE TYPED OR PRINTED IN PERMANENT BLACK OR BLUE/BLACK INK

VOID

CHILD–NAME FIRST MIDDLE LAST	SEX	DATE OF BIRTH (Mo. Day Year)	HOUR
1.	2.	3a.	3b. _____ AM _____ PM

HOSPITAL NAME (If not in Hospital, Give Street Address or Rural Location)	City, Boro, or Twp. of Birth	COUNTY OF BIRTH
4a.	4b.	4c.

I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF	DATE SIGNED (Mo, Day, Year)	CERTIFIER–NAME AND TITLE (Type or Print)
5a. (Signature) ▶	5b.	5c.
Name and Title of Attendant at Birth if other than Certifier (Type or Print) 5d.	CERTIFIER'S MAILING ADDRESS (Street or R.F.D. No., City or Town, State, Zip) 5e.	

MOTHER–MAIDEN NAME FIRST MIDDLE LAST	AGE (At time of this Birth)	STATE OF BIRTH (If not in U.S.A., Name Country)
6a.	6b.	6c.

MAILING ADDRESS 7. STREET AND NUMBER CITY AND STATE ZIP CODE

WHERE DOES MOTHER ACTUALLY LIVE? 8. 8a. State _____ 8b. County _____ Does mother live in a township? 8c. ☐ Yes, mother lives in _____ township 8d. ☐ No, mother lives within actual limits of _____ city/boro

FATHER–NAME FIRST MIDDLE LAST	AGE (At time of this Birth)	STATE OF BIRTH (If not in U.S.A., Name Country)
9a.	9b.	9c.

INFORMANT	Relation to Child	REGISTRAR'S SIGNATURE AND NUMBER	DATE RECEIVED
10a.	10b.	11a.	11b.

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

RACE–MOTHER (e.g., White, Black, American Indian, etc. – Specify)	RACE–FATHER (e.g., White, Black, American Indian, etc. – Specify)	EDUCATION–MOTHER (Specify only highest grade completed)		EDUCATION–FATHER (Specify only highest grade completed)		IS MOTHER MARRIED TO FATHER?
12.	13.	ELEMENTARY OR SECONDARY (0-12) 14.	COLLEGE (1-4 or 5+)	ELEMENTARY OR SECONDARY (0-12) 15.	COLLEGE (1-4 or 5+)	☐ Yes ☐ No 16.

PREGNANCY HISTORY (Complete each section)						
LIVE BIRTHS (Do not include this child)		OTHER TERMINATIONS (Spontaneous and Induced)		Date Last Normal Menses Began (Mo. Day, Year) 18.	Month of Pregnancy Pre-Natal Care Began (1st, 2nd, etc.) (Specify) 19a.	Pre-Natal Visits – Total (If none, so state) 19b.	Length of Pregnancy in weeks. 20.
17a. Now living	17b. Now dead	17d. Before 16 wks.	17e. After 16 wks.				
Number ____ None ☐	Number ____ None ☐	Number ____ None ☐	Number ____ None ☐	BIRTH WEIGHT 21.	THIS BIRTH–Single, Twin, Triplet, etc. (Specify) 22a.	If NOT Single Birth – Born First, Second, Third etc. (Specify) 22b.	APGAR SCORE 1 Min. 23a. / 5 Min. 23b.
17c. Date of Last Live Birth (Mo. Year)		17f. Date of Last Other Termination (Mo. Year)		Method of Delivery 24.	COMPLICATIONS OF PREGNANCY (Describe or write "none") 25.		

CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none") 26.	COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write "none") 27.
BIRTH INJURIES OF CHILD (Describe or write "none") 28.	CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or write "none") 29.

H105.143 REV. 12/81

FIGURE II

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF DEATH

(Physician)

STATE FILE NO.

Type or Print in Permanent Blue or Blue/Black Ink

A. _____
B. _____
C. _____
D. _____
E. _____
F. _____
G. _____

DECEDENT

Name of decedent (First) (Middle) (Last) 1.						Sex 2.	Date of death (Mo., Day, Yr.) 3.
Race – (e.g., White, Black, American Indian, etc.) 4.	Age last birthday 5A.	If under 1 yr. Mos. 5B. Days	If under 1 day Hours 5C. Min.	Date of birth, Mo, Day, Yr 6A.	State or foreign country of birth 6B.	County of birth 6C.	City, Boro, or Twp. of birth 6D.
County of death 7A.	City, Boro, or Twp. of death 7B.	Hospital or Institution (If not either, give address) 7C.					If hosp. or inst. indicate DOA, OP/ER, or inpatient (specify) 7D.
Decedent's Mailing Address (Street or RFD No.) (City or Town) (State) (Zip Code) 8.					Marital Status 9.	Surviving Spouse (If wife, give maiden name) 10.	
Citizen of what country? 11.	Was decedent ever in U.S. Armed Forces? ☐ Yes ☐ No 12.	Social Security Number 13.		Usual Occupation (Kind of work done during most of working life) 14A.		Kind of business or industry 14B.	

Where did decedent actually live? 15. 15a. State _____ 15b. County _____ Did decedent live in a township? 15c. ☐ Yes, decedent lived in _____ township. 15d. ☐ No, decedent lived within actual limits of _____ city or boro.

PARENTS

Father's name (First) (Middle) (Last) 16.		Mother's maiden name (First) (Middle) (Last) 17.	
Informant's name (Type or Print) 18A.	Informant's Mailing address (Street or RFD No.) (City or Town) (State) (Zip Code) 18B.		

DISPOSITION

☐ Burial ☐ Removal 19A. ☐ Cremation ☐ Other	Date of burial, etc. 19B.	Name of cemetery or crematory 19C.	Location (City, boro, twp.) (State) 19D.
Signature of funeral director and license number 20A.		FD – ☐☐☐☐☐☐ – ☐	Name and address of funeral establishment 20B.
Registrar's Signature 21A.		Date received by registrar 21B. ☐☐☐☐☐	20B.

VOID

CERTIFIER

To Be Completed By Certifying Physician Only

To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) stated.

Signature and title 22A. _____ M.D. or D.O.

Date Signed (Mo., Day, Yr.) 22B.	Hour of Death 22C. ——— A.M. ——— P.M.	
Name and Address of Certifier (Physician, Medical Examiner or Coroner) (Print or Type) 24.		Name of Attending Physician 25.

Conditions If Any Which Gave Rise To Immediate Cause Stating The Underlying Cause Last → CAUSE OF DEATH

26.

PART I	IMMEDIATE CAUSE: Enter only one cause per line for (A) (B) and (C)	Interval between onset and death
	(A) _____	
	Due to, or as a consequence of:	Interval between onset and death
	(B) _____	
	Due to, or as a consequence of:	Interval between onset and death
	(C) _____	
PART II	Other Significant Conditions – Conditions contributing to death but not related to cause given in Part I (a)	Autopsy ☐ Yes 27. ☐ No
		Was case referred to Medical Examiner or Coroner? 28. ☐ Yes ☐ No

If Acc., Suicide, Hom., Undet. or Pending Investigation (Specify) 29A.	Date of Injury (Mo., Day, Yr.) 29B.	Hour of Injury 29C. ——— A.M. ——— P.M.	Describe how injury occurred: 29D.	
Injury at work? 29E. ☐ No ☐ Yes	Place of Injury (At home, farm, street, etc.) 29F.		Location (Street or RFD No.) (City, Boro, or Twp.) (State) 29G.	

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FIGURE III

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF FETAL DEATH

Primary District No. _____ State File No. _____

TYPE OR PRINT IN PERMANENT INK

MULTIPLE BIRTHS Enter State File Number for Mate(s)

LIVE BIRTH(S)

FETAL DEATH(S)

REGISTRAR'S SIGNATURE

Date Received _____

HOSPITAL–NAME (If not in Hospital, Give Street and No.) 1a.

CITY, BORO, TWP. OF DELIVERY 1b.

COUNTY OF DELIVERY 1c.

DATE OF DELIVERY (Month, Day, Year) 2a.

HOUR OF DELIVERY 2b. m.

SEX OF FETUS 3.

WEIGHT OF FETUS 4.

METHOD OF DELIVERY 5.

MOTHER–MAIDEN NAME FIRST MIDDLE LAST 6a.

AGE (At Time Of This Delivery) 6b.

STATE OF BIRTH (If not U.S.A., Name Country) 6c.

MAILING ADDRESS Street Post Office State Zip Code 7.

WHERE DOES MOTHER ACTUALLY LIVE? 8. a. State _____ b. County _____

DOES MOTHER LIVE IN A TOWNSHIP? ☐ Yes, Mother Lives In _____ Township. ☐ No, Mother Lives Within Limits of _____ City, Boro.

RACE (White, Black, American Indian, etc.) 9.

IS MOTHER MARRIED? Yes ☐ No ☐ 10.

EDUCATION (Specify only highest grade completed) Elementary or Secondary (0–12) | College (1–4 or 5+) 13.

PREGNANCY HISTORY (Complete Each Section)

LIVE BIRTHS: 14a. Now Living Number / None ☐ | 14b. Now Dead Number / None ☐

OTHER TERMINATIONS (Spontaneous and Induced): 14d. Before 16 Wks. Number / None ☐ | 14e. After 16 Wks. Number / None ☐

DATE LAST NORMAL MENSES BEGAN (M, D, Y) 11.

MO. OF PRENATAL CARE BEGAN (1st, 2nd., etc.) 12a.

PRENATAL VISITS TOTAL NUMBER (If none, so state) 12b.

THIS BIRTH–Single, twin, triplet, etc. (Specify) 15a.

IF NOT SINGLE BIRTH Born 1st., 2nd., 3rd., etc. (Specify) 15b.

BIRTH INJURIES OF FETUS (Describe or write none) 16.

CONGENITAL ANOMALITIES OF FETUS (Describe or write none) 17.

DATE OF LAST LIVE BIRTH (Month, Year) 14c.

DATE OF LAST OTHER TERMINATION (Month, Year) 14f.

COMPLICATIONS OF PREGNANCY (Describe or write none) 18.

CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write none) 19.

COMPLICATIONS OF LABOR AND DELIVERY (Describe or write none) 20.

FATHER – NAME FIRST MIDDLE LAST 21a.

AGE (At Time of this Delivery) 21b.

EDUCATION (Specify only highest grade completed) Elementary or Secondary (0–12) | College (1–4 or 5+) 23.

STATE OF BIRTH (If not U.S.A., Name Country) 21c.

(White, Black, American Indian, etc.) 22.

VOID

24. FETAL OR MATERNAL CONDITION DIRECTLY CAUSING FETAL DEATH — IMMEDIATE CAUSE (Enter Only One Cause Per Line For (a), (b), (c)) (a) _____ — SPECIFY FETAL OR MATERNAL

FETAL AND/OR MATERNAL CONDITIONS, IF ANY, GIVING RISE TO THE IMMEDIATE CAUSE (a), STATING THE UNDERLYING CAUSE LAST

DUE TO OR AS A CONSEQUENCE OF (b) _____ — SPECIFY FETAL OR MATERNAL

DUE TO OR AS A CONSEQUENCE OF (c) — SPECIFY FETAL OR MATERNAL

OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER (Conditions Contributing to Fetal Death but not Related to Cause Given in 24a.) 25.

FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN 26.

PHYSICIAN'S ESTIMATE OF GESTATION 27.

AUTOPSY Yes ☐ No ☐ 28.

I HEREBY CERTIFY THIS FETUS WAS DELIVERED DEAD ON THE DATE STATED ABOVE (2a).

29. SIGNATURE (Physician or Coroner) Address Date Signed

BURIAL ☐ CREMATION ☐ REMOVAL ☐ 30a.

DATE 30b.

NAME OF CEMETERY OR CREMATORY 30c.

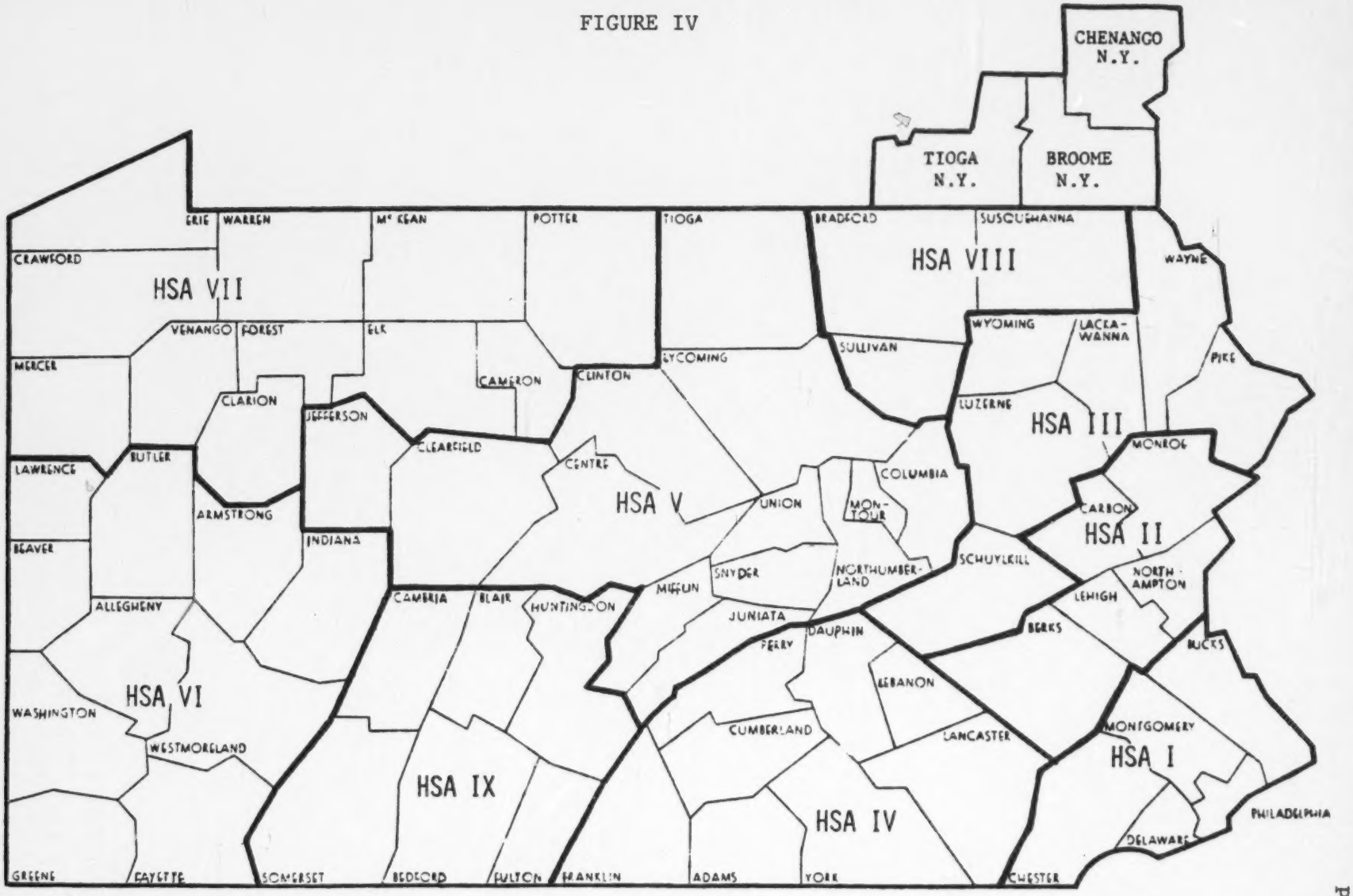
LOCATION CITY, BORO., TWP. STATE 30d.

FUNERAL SERVICE LICENSEE (Or Person Acting as such) Signature 31a.

NAME OF FACILITY 31b.

ADDRESS OF FACILITY 31c.

FIGURE IV


CHENANGO N.Y.
TIOGA N.Y.
BROOME N.Y.
ERIE
WARREN
Mc KEAN
POTTER
TIOGA
BRADFORD
SUSQUEHANNA
WAYNE
CRAWFORD
HSA VII
HSA VIII
VENANGO
FOREST
ELK
WYOMING
LACKA-WANNA
MERCER
CAMERON
CLINTON
LYCOMING
SULLIVAN
PIKE
CLARION
JEFFERSON
LUZERNE
HSA III
CLEARFIELD
LAWRENCE
BUTLER
CENTRE
MONROE
COLUMBIA
HSA V
UNION
MON-TOUR
CARBON
ARMSTRONG
HSA II
BEAVER
INDIANA
SNYDER
NORTHUMBER-LAND
SCHUYLKILL
NORTH-AMPTON
MIFFLIN
LEHIGH
ALLEGHENY
CAMBRIA
BLAIR
HUNTINGDON
JUNIATA
DAUPHIN
BERKS
PERRY
BUCKS
LEBANON
HSA VI
WASHINGTON
CUMBERLAND
LANCASTER
MONTGOMERY
WESTMORELAND
HSA IX
HSA I
HSA IV
PHILADELPHIA
DELAWARE
GREENE
FAYETTE
SOMERSET
BEDFORD
FULTON
FRANKLIN
ADAMS
YORK
CHESTER